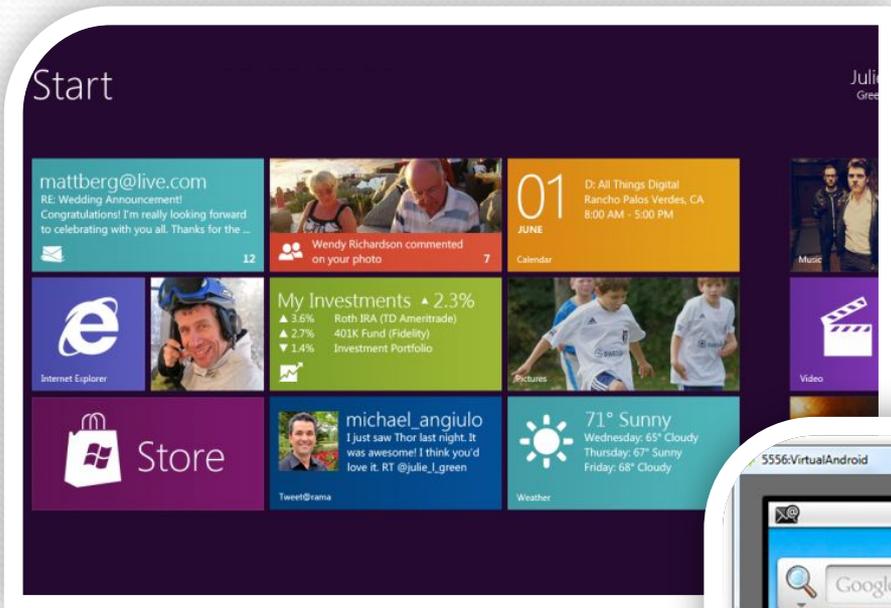


3 семинар

• Основные операционные



- **Аппаратное обеспечение** – электронные и механические компоненты входящие в состав твоего компьютера. Например, материнская плата или процессор. Аппаратное обеспечение так же называют железом компьютера.
- **Драйвер** – компьютерная программа, с помощью которой операционная или какие-либо другие программы получают доступ к аппаратному обеспечению компьютера.

- **Мультитач** – функция устройств с сенсорным вводом, которая осуществляет одновременное определение сразу нескольких координат точек касания.
- **Операционная система (ОС)** – комплекс управляющих и обрабатывающих программ, которые выступают как интерфейс программно связывающей все устройства твоего компьютера. ОС предоставляет графическую оболочку для комфортной работы с ним.

MS-DOS 6.22

```
C:\>ver
```

```
MS-DOS Version 6.22
```

```
C:\>expand /?
```

```
Microsoft (R) File Expansion Utility Version 2.10  
Copyright (C) Microsoft Corp 1990-1993. All rights reserved.
```

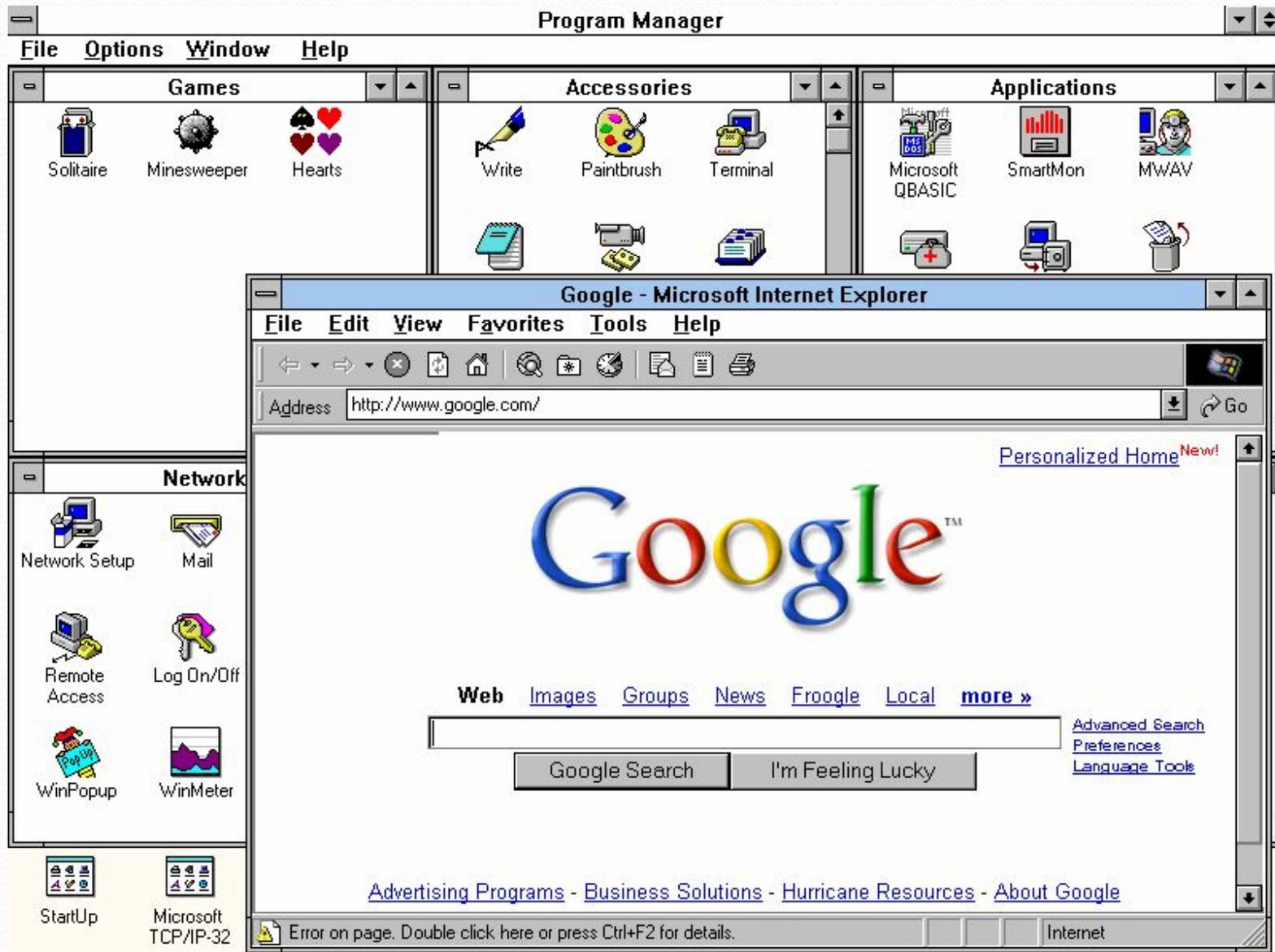
```
Expands one or more compressed files.
```

```
EXPAND [-r] Source Destination  
EXPAND -r Source [Destination]
```

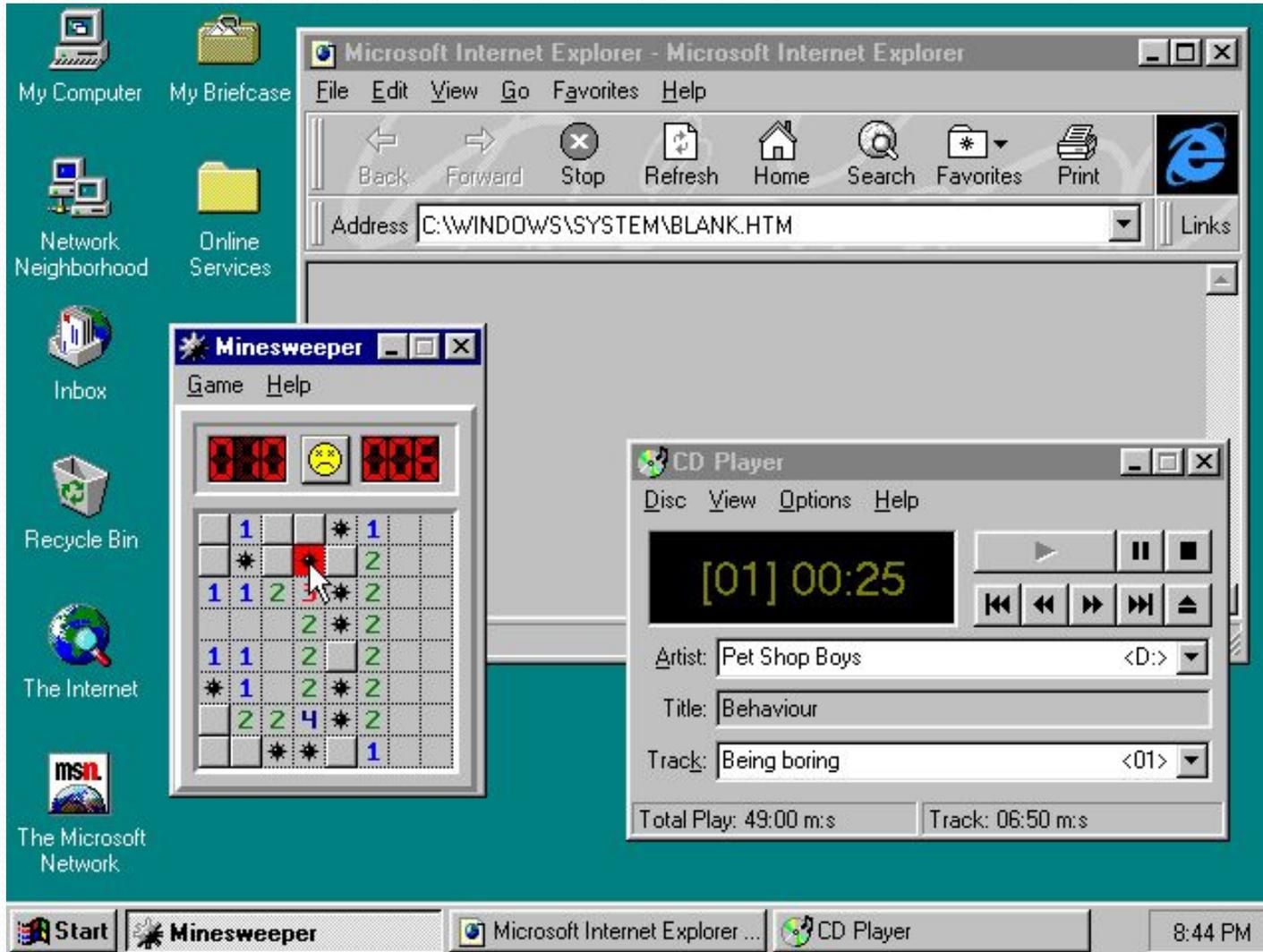
-r	Automatically rename expanded files. Only valid for files compressed with -r switch.
Source	Source file specification. Source may be multiple file specifications. Wildcards may be used.
Destination	Destination file / path specification. Destination may be a directory. If Source is multiple files and -r is not specified, Destination must be a directory. Wildcards may not be used.

```
C:\>_
```

Windows 3.11



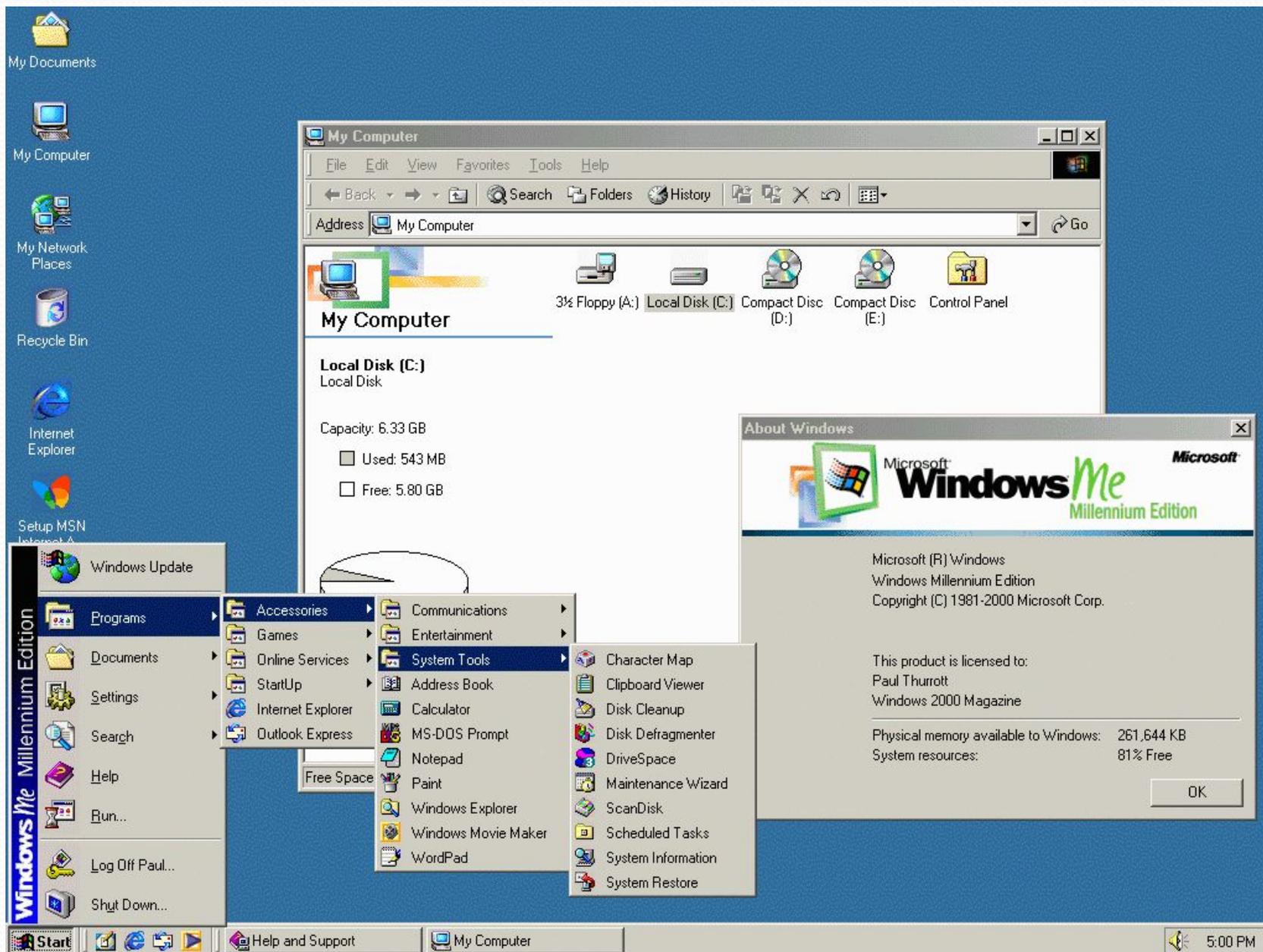
Windows 95



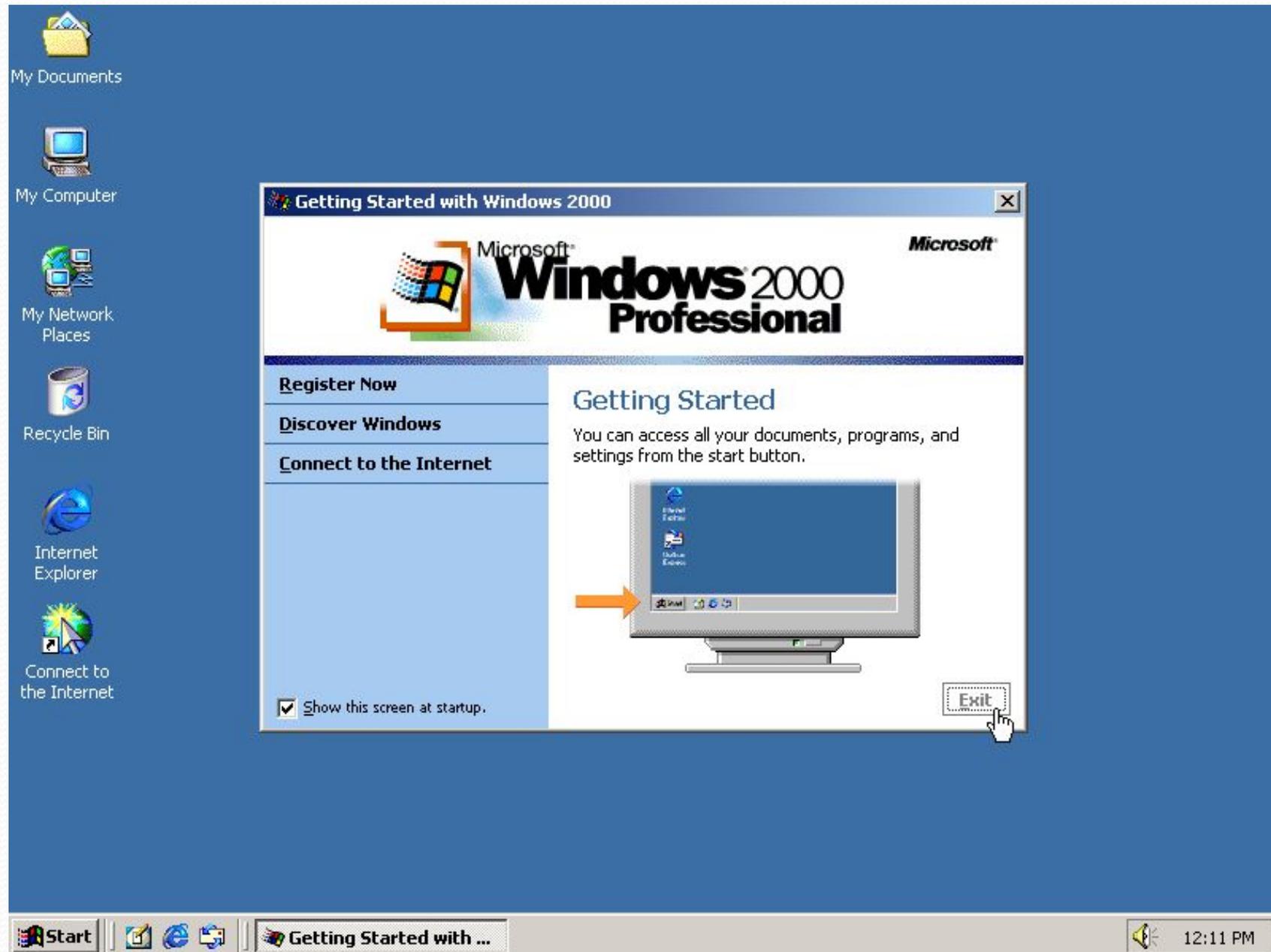
Windows 98



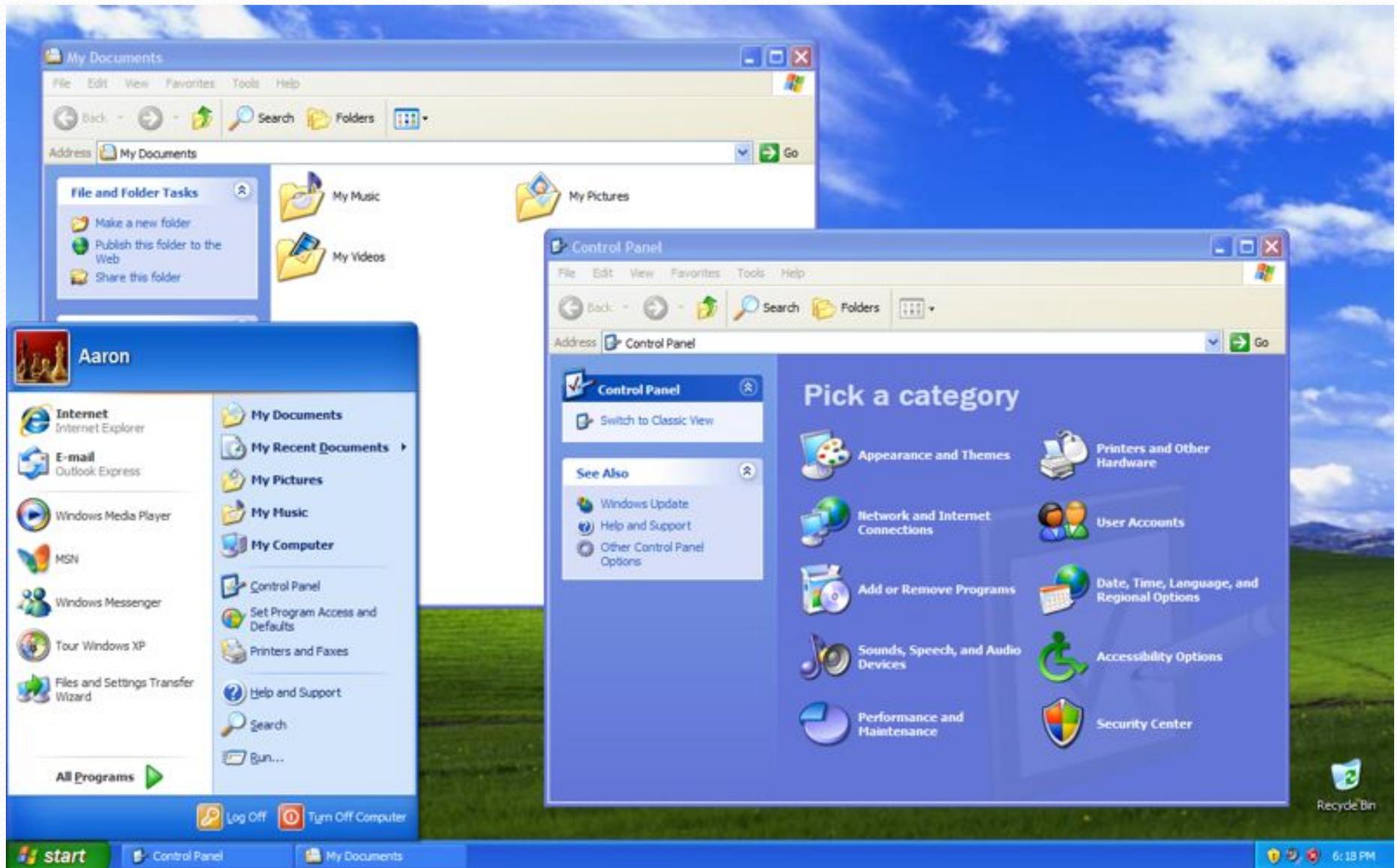
Windows ME



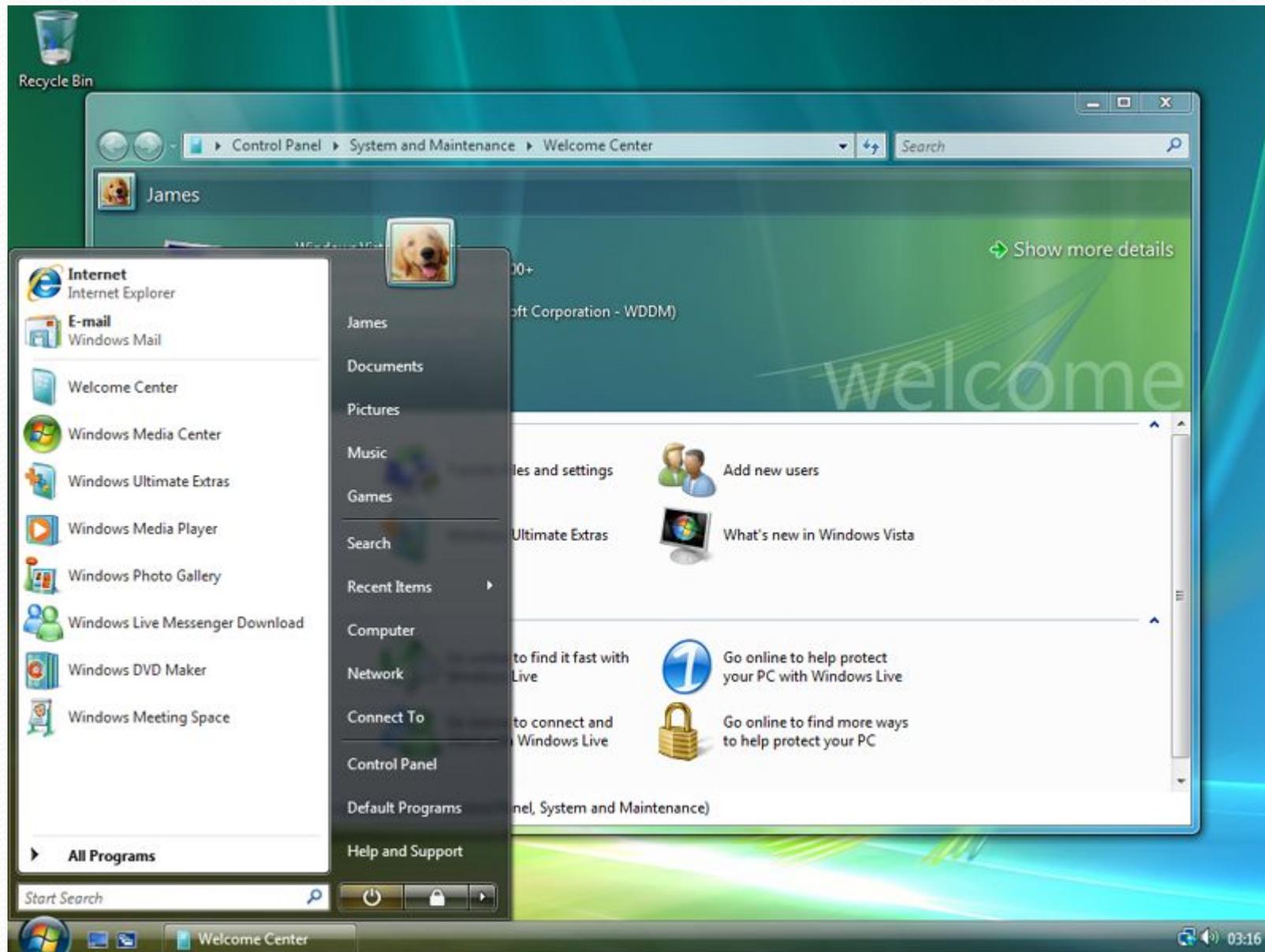
Windows 2000



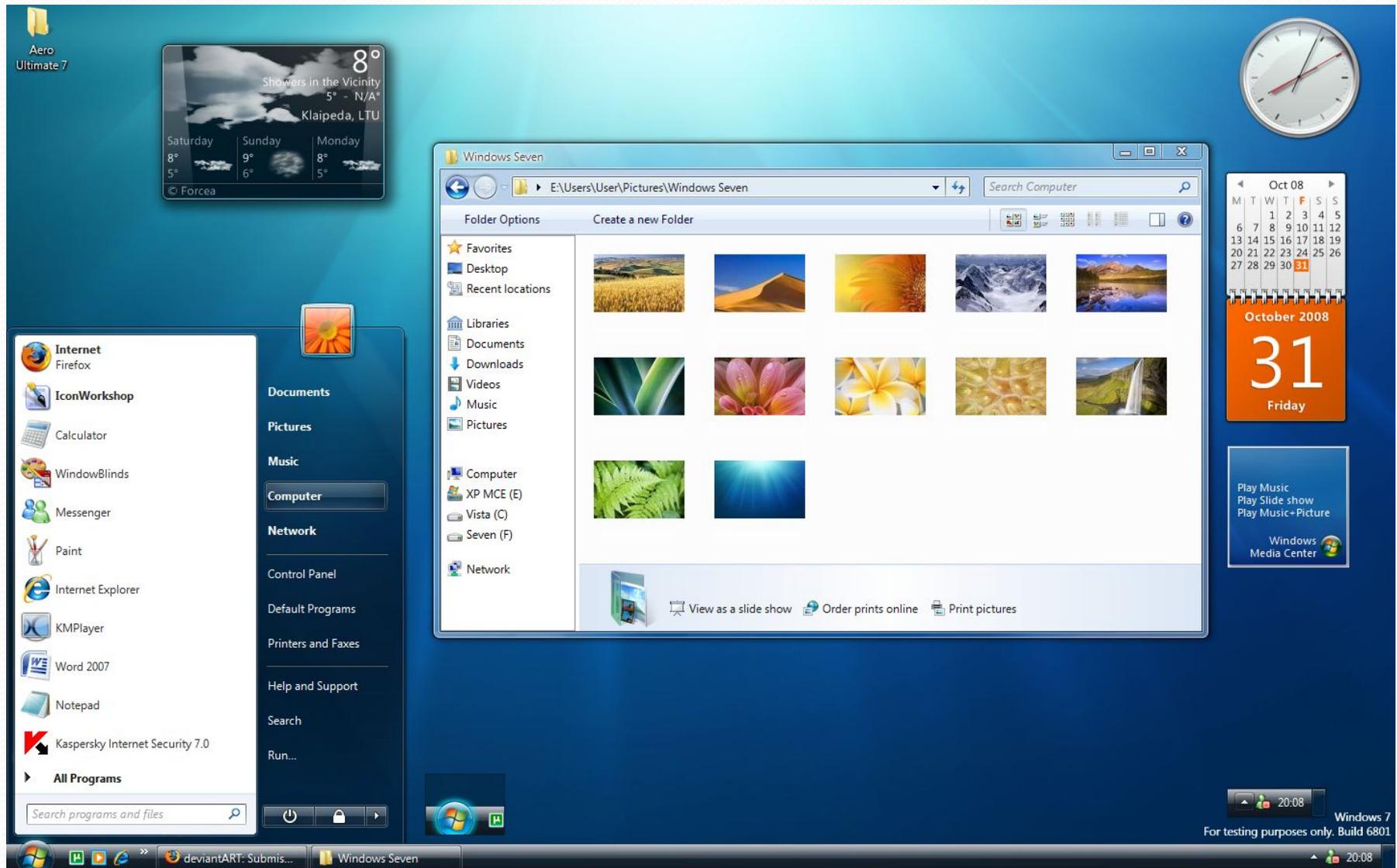
Windows XP



Windows Vista



Windows 7



Windows 8.1

Start

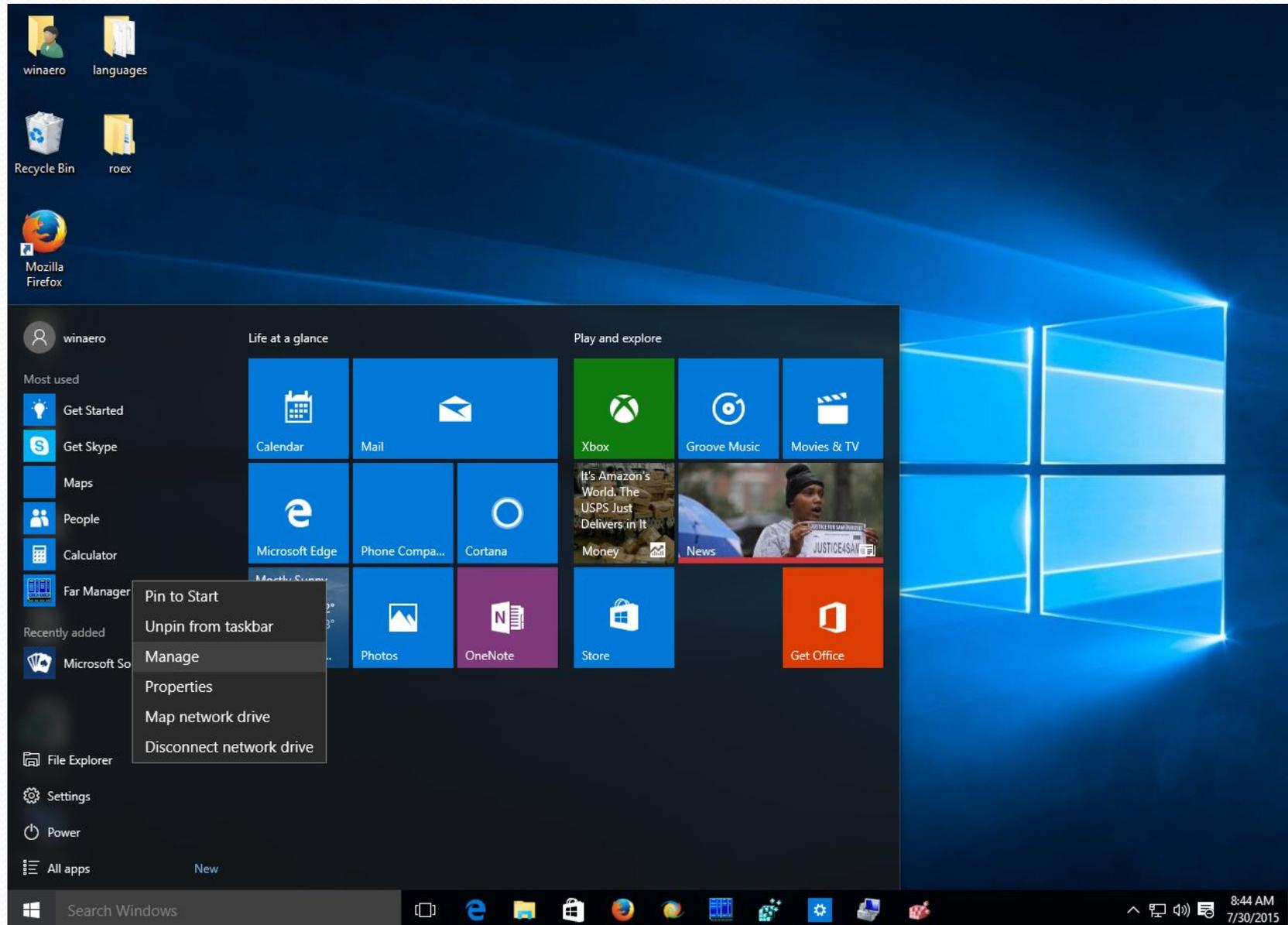
Francine Park 



The Start screen features a grid of live tiles and application shortcuts. A large purple fish graphic is positioned in the upper right quadrant. The tiles include:

- Mail:** Jean Stone, Thank you for your help! It was great to have your help moving. 8 unread messages.
- Calendar:** House warming party, Jean's new house, 5:30 PM – 9:00 PM. 24 Monday.
- Photos:** A photo of the Golden Gate Park Conservatory.
- Games:** A collection of game tiles including Xbox Live, Kinect, and a camera icon.
- News:** Polar bears enjoy fun, freedom in their new home.
- Skype:** A blue tile with the Skype logo.
- People:** A collage of photos of friends.
- Finance:** BLUE YONDER - 6/24/2013, 80.81 ▲ +0.10% (+0.08).
- Internet Explorer:** A blue tile with the 'e' logo.
- Help + Tips:** An orange tile with a question mark icon.
- Food & Drink:** A photo of a salad.
- Alarms:** A red tile with an alarm clock icon.
- SkyDrive:** A blue tile with a cloud icon.
- Maps:** A purple tile with a map icon.
- Weather:** 68° San Francisco Sunny. Today 65°/ 52° Mostly sunny. Tomorrow 68°/ 53° Partly sunny.
- Sports:** A purple tile with a trophy icon.
- Travel:** A photo of a tropical beach with huts.
- Reading List:** A red tile with a list icon.
- Health & Fitness:** A purple tile with a heart and pulse line icon.
- Desktop:** A photo of pink cherry blossoms.
- Store:** A green tile with the Windows Store logo.
- Excel 2013:** A green tile with the Excel logo.

Windows 10



Ubuntu



ubuntu

A screenshot of the Ubuntu desktop environment. The Dash application menu is open, displaying a search bar at the top with the text "Search Applications". Below the search bar, a grid of application icons is shown, each with its name underneath. The icons include Dexter, Dictionary, Diodon, Disks, Disk Usage Analyzer, Displays, DockbarX Preference, DockX, Documents, Document Viewer, DOSBox Emulator, DOS emulator, Drawers, Dropbox, Eclipse, Eidete, emesene, Empathy Internet Messaging, Epiphany Web Browser, Euro Truck Simulator 2, Everpad, Exaile Music Player, facebook, Facebook Messenger for Linux, FF Multi Converter, File Manager, and File Manager PCManFM. The desktop background is a dark red color. On the right side, there is a vertical scrollbar. At the bottom, there is a dock with icons for home, applications, file manager, messaging, music, camera, and video. A "Legal notice" link is visible in the bottom right corner of the Dash window.

Android

Android 1.5



Android 1.6



Android 2.1



Android 2.2



Android 2.3



Android 4.0



Android 4.1



Android 4.2



iOS

История перемен: iPhone OS - iOS 9



Домашнее задание:

- 1) Записать в тетрадь системные требования следующих ОС:
 - 1) Windows XP
 - 2) Windows 7
 - 3) Windows 8
 - 4) Windows 10

- 2) Посмотреть на характеристики своего компьютера и понять, подходит ли он для перечисленных выше ОС, а если нет, то почему.