Class Assignment

1. Write down 5 of the Intel (third generation, fourth generation, fifth generation) CPU their characteristics.

-processing speed

-cache memory

-core available

-processor socket

1. [Intel® Core™ i7-4900MQ Processor](https://ark.intel.com/products/75131/Intel-Core-i7-4900MQ-Processor-8M-Cache-up-to-3_80-GHz)

Processing Speed: 2.80 GHz

Cache Memory: 8 MB SmartCache

Cores Available: 4 cores

Processor Socket: FCPGA946

2. [Intel® Core™ i7-4770K Processor](https://ark.intel.com/products/75123/Intel-Core-i7-4770K-Processor-8M-Cache-up-to-3_90-GHz)

Processing Speed: 3.50 GHz

Cache Memory: 8 MB SmartCache

Cores Available: 4 cores

Processor Socket: FCLGA1150

3. [Intel® Core™ i7-4790K Processor](https://ark.intel.com/products/80807/Intel-Core-i7-4790K-Processor-8M-Cache-up-to-4_40-GHz)

Processing Speed: 4.00 GHz

Cache Memory: 8 MB SmartCache

Cores Available: 4 cores

Processor Socket: FCLGA1150

4. [Intel® Core™ i7-5950HQ Processor](https://ark.intel.com/products/87720/Intel-Core-i7-5950HQ-Processor-6M-Cache-up-to-3_80-GHz)

Processing Speed: 2.90 GHz

Cache Memory: 6 MB

Cores Available: 4 cores

Processor Socket: FCBGA1364

5. [Intel® Core™ i7-5500U Processor](https://ark.intel.com/products/85214/Intel-Core-i7-5500U-Processor-4M-Cache-up-to-3_00-GHz)

Processing Speed: 2.40 GHz

Cache Memory: 4 MB

Cores Available: 2 cores

Processor Socket: FCBGA1168

2. Write down 5 of the AMD (FX black edition, phenom family, ) processor with following characteristics.

-processing speed

-core available

-processor socket

# 1. AMD Phenom II X2 570 Callisto

# Processing Speeds: 3.5 GHz

# Cache Memory: 6 MB

# Cores Available: 2 cores

# Processor Socket: AM3

# 2. AMD CPU FX-8350 Black Edition

# Processing Speeds: 4.0 GHz

# Cache Memory: 4 MB

# Cores Available: 8 cores

# Processor Socket: AM3+

# 3. AMD FX-6300 Vishera

# Processing Speeds: 3.5 GHz

# Cache Memory: 8 MB

# Cores Available: 6 cores

# Processor Socket: AM3+

# 4. AMD Black Edition Phenom X4 9850

# Processing Speeds: 2.5 GHz

# Cache Memory: 4 MB

# Cores Available: 4 cores

# Processor Socket: AM2+

# 5. AMD Phenom II X6 1045T

# Processing Speeds: 2.7 GHz

# Cache Memory: 6 MB

# Cores Available: 6 cores

# Processor Socket: AM3