

עבודת בית

מה ירושה ?

מה המחלקה של כל האובייקטים יורשים ממנה ?

We are going to build a program that have 4 sub classes and one super class

The program going to ask the user to enter a data unit GB MB KB BYTE BIT and the amount

The program must to calculate the bites in this unit

1 byte = 8 bits

1 kb = 1024 bytes

1 mb = 1024 kb

1 gb = 1024 mb

Implement a new class called MyBit

That have one have one function called calc\_bit(bits\_amount)

This function receives a number that the user entered and will calc how many bits there are (1bit = 1bit)

Implement 4 functions that inherit from the superclass MyBit -> Gb,Mb,Kb,Byte

Override the calc\_bit method and make it returns the right bits

In the main build a a system that asks the user to enter anumber and a unit

If the users enters 4 and Bytes

Build a new object from the class bytes and print the calc\_bit value

If the users enters 4 and Gb

Build a new object from the class Gb and print the calc\_bit value

If the users enters 4 and Mb

Build a new object from the class Mb and print the calc\_bit value

If the users enters 4 and Bytes

Build a new object from the class Kb and print the calc\_bit value

Etgar \*\* in a new file called history.txt save the user input and the output of the program

Etgar 2 \*\* print every input in a new line