

Develop a Python Console application described as follows:

1. Declare a class named **Phone** includes protected members as follows:

a. Data members: **Id**: int, **name**: string, **color**: string

b. Methods (Functions)

- Declare constructors and setter - getter for the data members

- Override **__str__ ()** method to return all **Phone**'s pieces of information

2. Declare a **Program** class, this class has a "**Main** method" that will print out the menu to perform the functions as follows :

Option 1: Add new Phone (4 marks)

Option 2. Print Phone list (4 marks]

Option 3: Exit (02 marks)

Hints: Use collections: **list** or **dictionary** to store objects then performs finding/adding functions

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