

Question 1

```
In [1]: age = 18
        print("I am " + str(age) + " years old")
```

I am 18 years old

Question 2

```
In [2]: family = ["Nyeem", "Jack", "Jill"]
        print(family[0])
        print(family[1])
        print(family[2])
```

Nyeem
Jack
Jill

Question 3

```
In [3]: print(family[0]+" lives in Barbados")
        print(family[1]+" lives in Barbados")
        print(family[2]+" lives in Barbados")
```

Nyeem lives in Barbados
Jack lives in Barbados
Jill lives in Barbados

Question 4

```
In [4]: fav_fruit = ["Grapefruit", "Pineapple", "Apple"]
        print(fav_fruit[0]+" lowers cholestoral levels")
        print(fav_fruit[1]+" is rich in vitamin C and manganese.")
        print(fav_fruit[2]+" contains a high amount of fiber, vitamin C, potassium and v
```

Grapefruit lowers cholestoral levels
Pineapple is rich in vitamin C and manganese.
Apple contains a high amount of fiber, vitamin C, potassium and vitamin K

Question 5

```
In [5]: party = ["JID", "Smino", "Dave", "Saba"]

        print("The venue of the party has been changed to Oistins.\n")
        print("\t\t"+party[3]+"\\n") # friend that can't attend party
```

```
print(party[0]+ " you are invitred to my birthday party.")
print(party[1]+ " you are invitred to my birthday party.")
print(party[2]+ " you are invitred to my birthday party.")
print(party[3]+ " you are invitred to my birthday party.")
```

The venue of the party has been changed to Oistins.

Saba

JID you are invitred to my birthday party.
 Smino you are invitred to my birthday party.
 Dave you are invitred to my birthday party.
 Saba you are invitred to my birthday party.

Question 6

In [6]:

```
party[3] = "Kendrick" # change name in list
print(party[0]+ " you are invitred to my birthday party.") # sending newe invita
print(party[1]+ " you are invitred to my birthday party.")
print(party[2]+ " you are invitred to my birthday party.")
print(party[3]+ " you are invitred to my birthday party.")
```

JID you are invitred to my birthday party.
 Smino you are invitred to my birthday party.
 Dave you are invitred to my birthday party.
 Kendrick you are invitred to my birthday party.

Question 7

In [7]:

```
party.insert(0, "Frank")
party.insert(int(len(party)/2), "Rocky")# inserting list member in middle
party.append("Jay")

#send new invitatioins
print(party[0]+ " you are invited to my birtday party")
print(party[1]+ " you are invited to my birtday party")
print(party[2]+ " you are invited to my birtday party")
print(party[3]+ " you are invited to my birtday party")
print(party[4]+ " you are invited to my birtday party")
print(party[5]+ " you are invited to my birtday party")
print(party[6]+ " you are invited to my birtday party")

print("\nThe venue relocated me to a smaller room and I have to remove some of y
```

Frank you are invited to my birtday party
 JID you are invited to my birtday party
 Rocky you are invited to my birtday party
 Smino you are invited to my birtday party
 Dave you are invited to my birtday party
 Kendrick you are invited to my birtday party
 Jay you are invited to my birtday party

The venue relocated me to a smaller room and I have to remove some of you from the list

Question 8

In [8]:

```
guest1 = party.pop(0) #guest removed
guest2 = party.pop(1) #guest removed
guest3 = party.pop(-1) #guest removed

print("I am sorry "+guest1+" you can't attend the party anymore due to space")
print("I am sorry "+guest2+" you can't attend the party anymore due to space")
print("I am sorry "+guest3+" you can't attend the party anymore due to space")

#guest still invited
print("\n")

print(party[0]+" you are still invited to the party")
print(party[1]+" you are still invited to the party")
print(party[2]+" you are still invited to the party")
print(party[3]+" you are still invited to the party")

del party[0] # deleting list objects
del party[0] # only 0 is used because each time object is deleted-
del party[0] # - index is changed
del party[0]
party # empty list
```

I am sorry Frank you can't attend the party anymore due to space
I am sorry Rocky you can't attend the party anymore due to space
I am sorry Jay you can't attend the party anymore due to space

JID you are still invited to the party
Smino you are still invited to the party
Dave you are still invited to the party
Kendrick you are still invited to the party

Out[8]: []

In [0]: