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In [2]: #Question1
#Create a function, and list out the items in the list
def Subfields():
    mylist=["Sub-fields in AI are:","Machine Learning","Neural Networks","Vision",'
    for temp in mylist:
        print(temp)
```

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In [3]: Subfields()
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```
Sub-fields in AI are:
Machine Learning
Neural Networks
Vision
Robotics
Speech Processing
Natural Language Processing
```

```
In [4]: #Question2
#Create OddEven function
def OddEven():
    givenNumber=int(input("Enter a number:"))
    if(givenNumber%2==0):
        print(givenNumber,"is even number")
    else:
        print(givenNumber,"is odd number")
```

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In [5]: OddEven()
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```
Enter a number:52452
52452 is even number
```

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In [9]: #Question2
#Create a function that tells eligibility of marriage for male and female according
def eligibility():
    getGender=input("Your Gender:")
    getAge=int(input("Your age:"))
    if(getGender=="male" and getAge>=21):
        print("ELIGIBLE")
    elif(getGender=="female" and getAge>=18):
        print("ELIGIBLE")
    else:
        print("NOT ELIGIBLE")
```

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In [13]: eligibility()
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Your Gender:male
Your age:20
NOT ELIGIBLE
```

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In [11]: #Question3
#calculate the percentage of your 10th mark
def percentage():
    subject1=98
    subject2=87
    subject3=95
    subject4=95
    subject5=93
    total=(subject1+subject2+subject3+subject4+subject5)/500
    percent=total*100
    print("Subject1=",subject1)
    print("Subject2=",subject2)
    print("Subject3=",subject3)
```

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print("Subject4=",subject4)
print("Subject5=",subject5)
print("total:",total)
print("percentage",percent)
```

In [12]: percentage()

```
Subject1= 98
Subject2= 87
Subject3= 95
Subject4= 95
Subject5= 93
total: 0.936
percentage 93.60000000000001
```

In []: