```
In [6]:   # Create a class and function, and list out the items in the list
```

```
In [7]:   SubfieldsInAI.Subfields()
```

```
Sub-fields in AI are:
Machine Learning
Neural Networks
Vision
Robotics
Speech Processing
Natural Language Processing
```

```
In [17]:   # Create a function that checks whether the given number is Odd or Even
```

```
In [18]:   OddEven.OddEven()
```

```
Enter a number: 52452
52452 is Even number
```

```
In [10]:   # Create a function that tells elegibility of marriage for male and female according to thei
           r age limit like 21 for male and 18 for female
```

```
In [11]:   ElegiblityForMarriage.Elegible()
```

```
Your Gender:Male
Your Age:20
NOT ELIGIBLE
```

```
In [12]:   # calculate the percentage of your 10th mark
```

```
In [13]:   FindPercent.percentage()
```

```
Subject1= 98
Subject2= 87
Subject3= 95
Subject4= 95
Subject5= 93
Total :  468
Percentage :  93.60000000000001
```

```
In [14]:   #print area and perimeter of triangle using class and functions
```

```
In [15]:   triangle.triangle()
```

```
Height:32
Breadth:34
Area formula: (Height*Breadth)/2
Area of Triangle:  544.0
Height1:2
Height2:4
Breadth:4
Perimeter formula: Height1+Height2+Breadth
Perimeter of Triangle:  10
```

For more details, refer https://www.geeksforgeeks.org/python-programming-language/

```
In [ ]:
```