Task 1:Create a List which contain your hobbies. Your list must have 10 hobbies.

In [2]:
```
hobbies = ["Reading", "Writing", "Playing guitar", "Hiking", "Cooking", "P
```

Task 2 :Create a list which contain your Matriculation marks, Intermediate marks.

In [1]:
```
marks = [[85, 92, 78, 88, 90], [75, 80, 82, 88, 85]]
```

Task 3: Display the element which is on 5th index of list of hobbies

In [8]:
```
print('hobby on 5th index is :',hobbies[5])
```

```
hobby on 5th index is : Photography
```

Task4:Display the Intermediate marks through index,Display the highest marks of your educational career Display lowest marks of your educational career

In [20]:
```
print("Intermediate =",marks[1])
min_marks = min(min(marks[0]), min(marks[1]))
max_marks = max(max(marks[0]), max(marks[1]))

#Display the minimum and maximum marks
print("Minimum marks:", min_marks)
print("Maximum marks:", max_marks)

```

```
Intermediate = [75, 80, 82, 88, 85]
Minimum marks: 75
Maximum marks: 92
```

Task 5:This the List=[1,2,3,4,5,6,7,8,9,0] your code should split this in to even, odd,prime

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In [31]:
```
List=[1,2,3,4,5,6,7,8,9,0]
for i in range(len(List)):
    if (List[i]%2==0):
        print(f'{List[i]} even no')
    else:
        print(f'{List[i]} odd no')
#to check prime no
for i in range(len(List)):
    p=True
    for j in range(2,List[i]):
        if(List[i]%j==0):
            p=False
            break
    if p==True:
        print(List[i],'prime no')
```

```
1 odd no
2 even no
3 odd no
4 even no
5 odd no
6 even no
7 odd no
8 even no
9 odd no
0 even no
1 prime no
2 prime no
3 prime no
5 prime no
7 prime no
0 prime no
```

Task 6:Make a dictionary which contain you sibling name with their order.

In [39]:
```
siblings = {
    1: "Usama",
    2: "Awais",
    3: "Azlan",
    4: "ALi"
}
for i in siblings:
    print(siblings[i])
```

```
Usama
Awais
Azlan
ALi
```

In [ ]:
```
1
```

In [41]:
```
scoreboard = {
"jamal": {
1: {0, "WD", "No", "free hit+6", "catch", 4, "bowled", 6, 0},
2: {4,4,4,"wicket","wicket","wicket"},
3: {0,0,0,0,1,0},
4:{"out","NO+FREEHIT",0,0,6,6,"catch"}
},
"hamza": {
1: {0, "WD", "No", "free hit+6", 0, 4, "bowled", 6, 0},
2: {4,4,4,"wicket","wicket","wicket"},
3: {0,0,0,0,1,0},
4:{"out","NO+FREEHIT",0,"catch",6,6,"out"}

}
}
count=0
for i in scoreboard:
    for j in scoreboard[i]:
        if "wicket" or "catch" or "out" or "bowled" in scoreboard[i][j]:
            count=count+1
print("Wickets =",count)
```

```
Wickets = 8
```

In [47]:
```
count1=0
for i in scoreboard:
    for j in scoreboard[i]:
        if "WD" or "No" in scoreboard[i][j]:
            count1=count1+1
print("WD or No =",count1)
```

```
WD or No = 8
```

In [48]:
```
print(scoreboard["jamal"])
```

```
{1: {0, 4, 6, 'catch', 'No', 'bowled', 'WD', 'free hit+6'}, 2: {'wicket', 4},
3: {0, 1}, 4: {0, 'out', 6, 'NO+FREEHIT', 'catch'}}
```

In [50]:
```
count2=0
for i in scoreboard:
    if "jamal" in scoreboard:
        for j in scoreboard[i]:
            if "wicket" or "catch" or "out" or "bowled" in scoreboard[i][j
                count2=count2+1
print("Wickets of jamal =",count2)
```

```
Wickets of jamal = 8
```

In [51]:
```
count3=0
for i in scoreboard:
    if "hamza" in scoreboard:
        for j in scoreboard[i]:
            if "wicket" or "catch" or "out" or "bowled" in scoreboard[i][j
                count3=count3+1
print("Wickets of hamza =",count3)
```

```
Wickets of hamza = 8
```

In [53]:
```
count4=0
for i in scoreboard:
    for j in scoreboard[i]:
        if j==2:
            if "wicket" or "catch" or "out" or "bowled" in scoreboard[i][j
                count4=count4+1
print("Wickets by jamal and hamza in 2nd inning =",count4)
```

```
Wickets by jamal and hamza in 2nd inning = 2
```

In [ ]:
```

```