



**National Vocational & Technical Training Commission**  
**Institute of Electrical, Electronics and Computer Engineering**  
**University of the Punjab**



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**Artificial Intelligence C1 & C2**  
**Assignment 01 : 26/05/2023**  
**Module 1 : week 1**

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*Submission Requirements: Please upload your codes in PDF File on Google Classroom in the relevant Assignment section.*

*Note: Plagiarism is a serious violation. Zero marks will be awarded in case plagiarism is found.*

**Task 1:**

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

**Task 2 :**

Create a list which contain your Matriculation marks, Intermediate marks.

**Task 3:**

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

**Task4:**

Display the Intermediate marks through index.

Display the highest marks of your educational career.

Display lowest marks of your educational career.

**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 numbers.

**Task 6:**

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

**Task 7:**

Suppose that you have this record in this shape:

```
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"}  
  }  
}
```

- Print that how many wickets taken by Jamal
- Print that how many wickets taken by Hamza
- Overall total wickets taken in match
- Overall “WD” “NO” and total score of the match
- How much score given by Jamal
- How much score given by Hamza
- How much score give in 2<sup>nd</sup> over of hamza and Jamal.