Assignment 2

Title : Simple Choice Base System

Aim:
- Using If-else ladder create a program which takes two values from user as favorite subject.
- Based On user's Input program should give preferred branch .
- example - If user like programming and math's , the user will get output - "Computer Engg."

Program

```python
print("Enter Any Two Subject You Like From The Following - ")
print("Maths, Programming, Biology, Physics, AI Concepts, Chemistry, Statistics")
sub1 = input("1st subject - ").lower()
sub2 = input("2nd Subject - ").lower()

if sub1 == "maths" and sub2 == "physics" or sub2 == "maths" and sub1 == "physics":
    print("Mechanical Engineering")
elif sub1 == "chemistry" and sub2 == "biology" or sub2 == "chemistry" and sub1 == "biology":
    print("Biotechnology")
elif sub1 == "maths" and sub2 == "programming" or sub2 == "maths" and sub1 == "programming":
    print("Computer Engineering")
elif sub1 == "ai concepts" and sub2 == "programming" or sub2 == "ai concepts" and sub1 == "programming":
    print("Artificial Intelligence and Machine Learning Engineering")
elif sub1 == "statistics" and sub2 == "programming" or sub2 == "statistics" and sub1 == "programming":
    print("Artificial Intelligence and Data Science")
else:
    print("Oops!!...Somthing Went Wrong :( ")
```

Output

```
PS D:\Programing_Coding\GitHub\Artificial_Intelligence_Lab_SE_B_45\Artificial_Intelligence_Lab> python -u "d:\Programing_Coding\GitHub\Artificial_Intelligence_La
b_SE_B_45\Artificial_Intelligence_Lab\exp2.py"
Enter Any Two Subject You Like From The Following -
Maths, Programming, Biology, Physics, AI Concepts, Chemistry, Statistics
1st subject - Programming
2nd Subject - Maths
Computer Engineering
PS D:\Programing_Coding\GitHub\Artificial_Intelligence_Lab_SE_B_45\Artificial_Intelligence_Lab> python -u "d:\Programing_Coding\GitHub\Artificial_Intelligence_La
b_SE_B_45\Artificial_Intelligence_Lab\exp2.py"
Enter Any Two Subject You Like From The Following -
Maths, Programming, Biology, Physics, AI Concepts, Chemistry, Statistics
1st subject - Programming
2nd Subject - statistics
Artificial Intelligence and Data Science
PS D:\Programing_Coding\GitHub\Artificial_Intelligence_Lab_SE_B_45\Artificial_Intelligence_Lab> python -u "d:\Programing_Coding\GitHub\Artificial_Intelligence_La
b_SE_B_45\Artificial_Intelligence_Lab\exp2.py"
Enter Any Two Subject You Like From The Following -
Maths, Programming, Biology, Physics, AI Concepts, Chemistry, Statistics
1st subject - chemistry
2nd Subject - BIOLOGY
Biotechnology
PS D:\Programing_Coding\GitHub\Artificial_Intelligence_Lab_SE_B_45\Artificial_Intelligence_Lab>
```