In [10]:
```
password=input("Enter password:")
if password== "adin123":
    print("Access Granted")
else:
    print("Access Denied")
```

```
Access Denied
```

In [7]:
```
age =int(input("Enter your age:"))
if age < 13:
    print("child")
elif 13 <= age <= 19:
    print("Teen")
elif 20 <= age <= 59:
    print("Adult")
else:
    print("Senior")
```

```
Teen
```

In [8]:
```
num = int(input("Enter a number:"))
if num > 0:
    print("Positive")
else:
    print("Not positive")
if 10 <= num <=50:
    print("The number is between 10 and ")
```

```
Positive
The number is between 10 and
```

In [9]:
```
color = input("Enter a color (red, yellow, green): ").strip().lower()

if color == "":
    print("Input cannot be empty")
else:
    match color:
        case "red":
            print("Stop")
        case "yellow":
            print("Get Ready")
        case "green":
            print("Go")
        case _:
            print("Invalid color")
```

```
Stop
```

In [3]:
```
print("Choose an operation:")
print("1. Addition")
print("2. Subtraction")
print("3. Multiplication")
print("4. Division")

choice = input("Enter your choice (1-4): ")

num1 = float(input("Enter first number: "))
num2 = float(input("Enter second number: "))
```

```
if choice == "1":
    print("Result:", num1 + num2)
elif choice == "2":
    print("Result:", num1 - num2)
elif choice == "3":
    print("Result:", num1 * num2)
elif choice == "4":
    if num2 != 0:
        print("Result:", num1 / num2)
    else:
        print("Error: Cannot divide by zero.")
else:
    print("Invalid choice.")
```

```
Choose an operation:
1. Addition
2. Subtraction
3. Multiplication
4. Division
Result: 15.0
```

In [1]:
```
score = float(input("Enter student score: "))

if score >= 50:
    print("Status: Passed")
else:
    print("Status: Failed")

if score >= 90:
    grade = "A"
elif score >= 80:
    grade = "B"
elif score >= 70:
    grade = "C"
elif score >= 60:
    grade = "D"
elif score >= 50:
    grade = "E"
else:
    grade = "F"

print("Grade:", grade)

match grade:
    case "A":
        print("Excellent work!")
    case "B":
        print("Very good job!")
    case "C":
        print("Good effort!")
    case "D":
        print("You passed, but can improve.")
    case "E":
        print("You barely passed.")
    case "F":
        print("You failed. Try again.")
```

```
Status: Passed
Grade: E
You barely passed.
```

In [ ]: