```
>>> name = input("Name of the student: ")
Name of the student: DIVYA
>>> subject1 = float(input("Enter the subject1 score: "))
Enter the subject1 score: 67.9
>>> if subject1 < 40:
...     print("Fail")
... else:
...     print("Pass")
...
...
Pass
>>> subject2 = float(input("Enter the subject2 score: "))
Enter the subject2 score: 49.5
>>> if subject2 < 40:
...     print("Fail")
... else:
...     print("Pass")
...
Pass
>>> subject3 = float(input("Enter the subject3 score: "))
Enter the subject3 score: 45.9
>>> if subject3 < 40:
...     print("Fail")
... else:
...     print("Pass")
```

```
...

Pass

>>> subject4 = float(input("Enter the subject4 score: "))

...

Enter the subject4 score: 89.9

>>> if subject4 < 40:

...     print("Fail")

... else:

...     print("Pass")

...

Pass

>>> subject5 = float(input("Enter the subject5 score: "))

...

Enter the subject5 score: 78.9

>>> if subject5 < 40:

    print("Fail")

else:

    print("Pass")


Pass

subject6 = float(input("Enter the subject6 score: "))

Enter the subject6 score: 89.7

if subject6 < 40:

    print("Fail")

else:
```

```
    print("Pass")
```

Pass

```
result = subject1 + subject2 + subject3 + subject4 + subject5 + subject6
```

```
print("Sum of the subjects:", result)
```

Sum of the subjects: 421.8

```
if result > 240 and result <= 600:

    if result > 600:

        print("Congrats for O+ grade")

    elif result > 580:

        print("Congrats for O grade")

    elif result > 570:

        print("Congrats for D++ grade")

    elif result > 560:

        print("Congrats for D+ grade")

    elif result > 550:

        print("Congrats for D grade")

    elif result > 530:

        print("Congrats for A+ grade")

    elif result > 500:

        print("Congrats for A grade")

    elif result > 400:

        print("Congrats for B grade")

else:

    if result > 200:
```

```python
        print("Keep studying")
    else:
        print("Work hard – Overall Fail")
```

Congrats for B grade