

Python Programming Quiz - Version 1

Question

Write a Python program that:

1. Takes a student's score as input.
2. Prints the corresponding grade according to the following criteria:

Grade Criteria

- 'Excellent': $\text{score} > 90$
- 'Good': $75 < \text{score} \leq 90$
- 'Average': $60 < \text{score} \leq 75$
- 'Poor': $45 < \text{score} \leq 60$
- 'Fail': $\text{score} \leq 45$

Sample Input/Output

```
Enter score: 82
Grade: Good
```

Solution

```
score = float(input("Enter score: "))

if score > 90:
    grade = 'Excellent'
elif score > 75:
    grade = 'Good'
elif score > 60:
    grade = 'Average'
elif score > 45:
    grade = 'Poor'
elif score >= 0:
    grade = 'Fail'
else:
```

```
grade = 'Invalid score'

print("Grade:", grade)
```