



University of Sri Jayewardenepura, Sri Lanka
Bachelor of Information and Communication Technology Semester 1
ITC 1063 – Fundamentals of Programming
Programming Practice 2

1. Write a C program to get temperature (in Celsius) as user input. Check whether the temperature is greater than or equals to 26.

- i) If it's greater or equals, then print "AC ON..!"
- ii) Otherwise, print "AC Off....!"

2. Write a C program to get marks as user input and display the relevant grade.

Use following condition to generate grade.

- i) $100 \geq \text{marks} \geq 85 \rightarrow A$
- ii) $85 > \text{marks} \geq 65 \rightarrow B$
- iii) $65 > \text{marks} \geq 50 \rightarrow C$
- iv) $50 > \text{marks} \geq 35 \rightarrow D$
- v) $35 > \text{marks} \rightarrow F$
- vi) Anything else $\rightarrow I$

Example:

```
Enter your marks: 90  
Your grade is A
```

3.

- i) Write a C program to get week's day number (1-7) as a user input and print day of week name using if else conditions.
- ii) Write the same program using switch case.

Example:

```
Enter the day of the week using number (1-7): 3  
Today is Tuesday!
```