

PR-3: Conditional Statements -

1. Write a C program to find number is positive, negative or zero.

```
#include<stdio.h>

int main() {

    int a;

    printf("Please enter of a: \n");

    scanf("%d", &a);

    a >= 0 ? printf("%d is Positive number\n",a) : printf("%d is Nagetive number\n",a);

    return 0;

}
```

Output:-

Please enter of a: -5 -5 is Nagetive number	Please enter of a: 5 5 is Positive number
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2. Write a C program to find Grade from percentage. Here range is given below:

- 91 - 100 A
- 81 - <91 B
- 71 - <81 C
- 61 - <71 D
- 40 - <61 E
- <40 Failed

```
#include<stdio.h>

int main() {

    float per;

    printf("Please enter any charcter: ");

    scanf("%f", &per);

    if (per >=91 && per <= 100) {

        printf("Grade: A");

    } else if (per >= 81 && per <= 91) {
```

```
        printf("Grade: B");
    } else if (per >= 71 && per <= 81) {
        printf("Grade: C");
    } else if (per >= 61 && per <= 71) {
        printf("Grade: D");
    } else if (per >= 41 && per <= 61) {
        printf("Grade: E");
    } else if (per >= 0 && per <= 41) {
        printf("Failed");
    } else {
        printf("Invalid Input");
    }

    return 0;
}
```

Output:-

```
Please enter any charcter: 91
Grade: A
```