

4) Write a C/Java Program to accept CIE marks (out of 50) and SEE marks (out of 100) of a student and print his/her grade. Use if... else, ladder.

```
code: #include <stdio.h>
#include <stdlib.h>
int main()
{
    int ciemarks[100];
    int totalmarks[100];
    int finalseemarks[100];
    int n;
    int subject[100];
    int seemarks[1000];
    char grade[1000];
    printf("Enter the number of subject details that you want:");
    scanf("%d", &n);
    for (int i=0; i<n; i++)
    {
        printf("please enter the CIE marks out of 50 for subject %d:", (i+1));
        scanf("%d", &ciemarks[i]);
        printf("please enter SEE marks out of 100 for subject %d:", (i+1));
        scanf("%d", &seemarks[i]);
        finalseemarks[i] = seemarks[i]/2;
        totalmarks[i] = ciemarks[i] + finalseemarks[i];
        if (totalmarks[i] >= 90 & totalmarks[i] <= 100)
        {
            grade[i] = 'S';
        }
    }
}
```

```

else if (totalmarks[i] >= 80 && totalmarks[i] <= 90)
{
    grade[i] = 'A';
}
else if (totalmarks[i] >= 70 && totalmarks[i] <= 80)
{
    grade[i] = 'B';
}
else if (totalmarks[i] >= 60 && totalmarks[i] <= 70)
{
    grade[i] = 'C';
}
else if (totalmarks[i] >= 50 && totalmarks[i] <= 60)
{
    grade[i] = 'D';
}
else if (totalmarks[i] >= 40 && totalmarks[i] <= 50)
{
    grade[i] = 'E';
}
else
{
    grade[i] = 'F';
}
}
for (int i = 0; i < n; i++)
{
    printf("\n *** STUDENT GRADE SHEET ***");
    printf("\n Your grade in subject %d: ", i+1);
    printf("%c", grade[i]);
}
return 0;
}

```