

```

8
9  #include <stdio.h>
10
11 int main()
12 {
13     int cie[50],see[50],total[50];
14     printf("enter marks for 5 subjects:\n");
15     for(int i=1;i<=5;i++)
16     {
17         printf("enter CIE(out of 50 ) and SEE(out of 50) marks for %d subject:",i);
18         scanf("%d%d",&cie[i],&see[i]);
19         total[i]=cie[i]+see[i];
20     }
21
22     printf("the grade in each subject is: \n");
23     for(int i=1;i<=5;i++)
24     {
25
26         printf("\n the grade in subject %d is:",i);
27         if( total[i]>=90)
28             printf("S");
29         else if (total[i]>=80&&total[i]<90)
30             printf("A");
31         else if (total[i]>=70&&total[i]<80)
32             printf("B");
33         else if (total[i]>=60&&total[i]<70)
34             printf("C");
35         else if (total[i]>=50&&total[i]<60)

```

enter marks for 5 subjects:

enter CIE(out of 50) and SEE(out of 50) marks for 1 subject:20 20

enter CIE(out of 50) and SEE(out of 50) marks for 2 subject:30 30

enter CIE(out of 50) and SEE(out of 50) marks for 3 subject:35 40

enter CIE(out of 50) and SEE(out of 50) marks for 4 subject:10 10

enter CIE(out of 50) and SEE(out of 50) marks for 5 subject:45 47

the grade in each subject is:

input

```
main.c
20 }
21
22 printf("the grade in each subject is: \n");
23 for(int i=1;i<=5;i++)
24 {
25
26     printf("\n the grade in subject %d is:",i);
27     if( total[i]>=90)
28         printf("S");
29     else if (total[i]>=80&&total[i]<90)
30         printf("A");
31     else if (total[i]>=70&&total[i]<80)
32         printf("B");
33     else if (total[i]>=60&&total[i]<70)
34         printf("C");
35     else if (total[i]>=50&&total[i]<60)
36         printf("D");
37     else if (total[i]>=40&&total[i]<50)
38         printf("E");
39     else
40         printf("Fail");
41 }
42 return 0;
43 }
44
45
46
47
```

input

```
the grade in each subject is:

the grade in subject 1 is:E
the grade in subject 2 is:C
the grade in subject 3 is:B
the grade in subject 4 is:Fail
the grade in subject 5 is:S
```

• GDB