

SE 185

Quiz 3

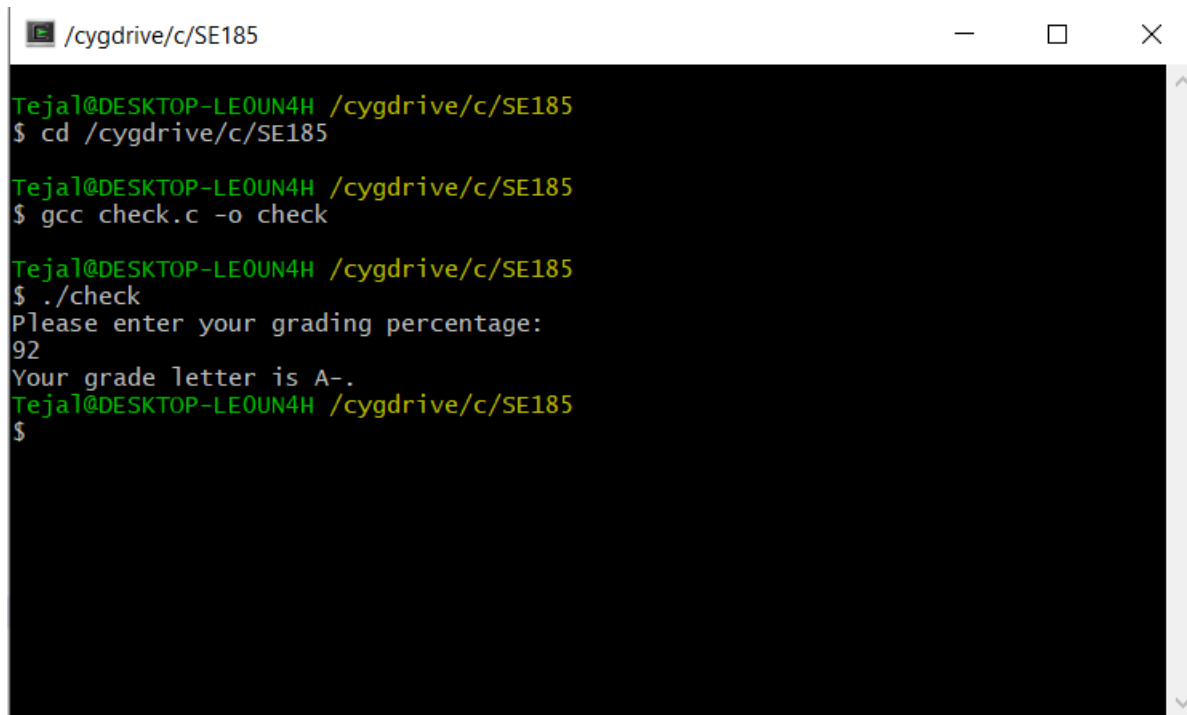
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Question 1

Source Code:

```
1  #include<stdio.h>
2  #include<math.h>
3  int main(void)
4  { double percent;
5    printf("Please enter your grading percentage:\n");
6    scanf("%lf", &percent);
7    if(percent>=0 && percent<=100) {
8        if( percent >=93 && percent<=100)
9            { printf("Your grade letter is A."); }
10       else if( percent>=90 && percent<93)
11           { printf("Your grade letter is A-."); }
12       else if( percent>=87 && percent<90)
13           { printf("Your grade letter is B+."); }
14       else if( percent>=83 && percent<87)
15           { printf("Your grade letter is B."); }
16       else if( percent>=80 & percent<83)
17           { printf("Your grade letter is B-."); }
18       else if( percent>=77 & percent<80)
19           { printf("Your grade letter is C+."); }
20       else if( percent>=73 & percent<77)
21           { printf("Your grade letter is C."); }
22       else if( percent>=70 & percent<73)
23           { printf("Your grade letter is C-."); }
24       else if( percent>=67 & percent<70)
25           { printf("Your grade letter is D+."); }
26       else if( percent>=63 & percent<67)
27           { printf("Your grade letter is D"); }
28       else if( percent>=60 & percent<63)
29           { printf("Your grade letter is D-"); }
30       else{
31           printf(" Your grade letter is F."); }
32
33     }
34     else{
35         printf("Your grade must be between 0 percent and 100 percent inclusively.");}
36
37     return 0;
38 }
```

Output:



```
Tejal@DESKTOP-LE0UN4H /cygdrive/c/SE185
$ cd /cygdrive/c/SE185

Tejal@DESKTOP-LE0UN4H /cygdrive/c/SE185
$ gcc check.c -o check

Tejal@DESKTOP-LE0UN4H /cygdrive/c/SE185
$ ./check
Please enter your grading percentage:
92
Your grade letter is A-.
Tejal@DESKTOP-LE0UN4H /cygdrive/c/SE185
$
```

Question 2

Source Code:

```
1  #include<stdio.h>
2  #include<string.h>
3
4  int main()
5  {
6      char str[50];
7      char pass[50];
8      printf("Enter your username: ");
9      scanf("%s",str);
10     printf("Enter your password: ");
11     scanf("%s",pass);
12
13     if(strcmp(str,"se185@iastate.edu")==0 && strcmp(pass,"ds4rd")==0)
14         printf("Success!\n");
15     else
16         printf("Username or password is incorrect\n");
17
18     return 0;
19
20 }
```

Outputs:

```
diyan@diyan18011: ~/Desktop/
Enter your username: se185@iastate.edu
Enter your password: ds4rd
Success!
```

```
Enter your username: se185
Enter your password: ds4rd
Username or password is incorrect
```