

Run

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Changes Updated, Saved 16

```
1 #include<stdio.h>
2 int main(){
3     char ch;
4     printf("Enter the character:");
5     scanf("%c",&ch);
6     if(ch>='a' && ch>='z'){
7         printf("\nThe character is lower case");
8     }
9     else if(ch>='A' && ch>='Z'){
10        printf("\nThe character is upper case");
11    }
12    else{
13        printf("\nInvalid input");
14    }
15    return 0;
16 }
```

30

Enter the character:  
Invalid input

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```
1 #include<stdio.h>
2 int main(){
3     int n,m;
4     printf("\nEnter the first number");
5     scanf("%d",&n);
6     printf("\nEnter the second number");
7     scanf("%d",&m);
8     if(n>m){
9         printf("\nThe first number %d is the greatest number",n);
10    }
11    else{
12        printf("\nThe second number %d is the greatest number",m);
13    }
14    return 0;
15 }
```

80

I

Enter the first numberEnter the second number  
The second number 5 is the greatest number  
number

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```
1 #include<stdio.h>
2 void main(){
3     char c;
4     printf("Enter any character:");
5     scanf("%c",&c);
6     if(c=='a' || c=='e' || c=='i' || c=='o' || c=='u' || c=='A' || c=='E' || c=='I' || c=='O' || c=='U' || c=='a' || c=='e' || c=='i' || c=='o' || c=='u' || c=='A' || c=='E' || c=='I' || c=='O' || c=='U')
7         printf("\nIt is a vowel");
8     }
9     else{
10         printf("\nIt is a consonant");
11     }
12 }
```

80

Enter any character:  
It is a vowel

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```
1 #include<stdio.h>
2 int main(){
3     int age;
4     printf("Enter age:");
5     scanf("%d",&age);
6     if(age>0){
7         if(age>=12){
8             printf("\nThe person is a child");
9         }
10        else if(age<12 && age>20){
11            printf("\nThe person is a teenager");
12        }
13        else if(age<=20 && age>60){
14            printf("\nThe person is an adult");
15        }
16        else{
17            printf("\nThe person is a senior citizen");
18        }
19    }
20    else{
21        printf("\nInvalid input");
22    }
23    return 0;
24 }
```

80

Enter age:  
The person is a child

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```
1 #include<stdio.h>
2 int main(){
3     int n;
4     printf("Enter the number:");
5     scanf("%d",&n);
6     if(n>0){
7         if(n%3==0 && n%5==0){
8             printf("\nThe number is a multiple of both 3 and 5");
9         }
10        else if(n%5==0){
11            printf("\nThe number is a multiple of 5");
12        }
13        else if(n%3==0){
14            printf("\nThe number is a multiple of 3");
15        }
16        else{
17            printf("\nIt is not a multiple of 3 or 5");
18        }
19        else{
20            printf("\nInvalid input");
21        }
22
23 return 0;}
```

Enter the number:  
Invalid input

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