

main.c



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Run

Output

Clear

```
1 #include<stdio.h>
2 #include<stdlib.h>
3 int main()
4 {
5     int a;
6     printf("enter the number:\n");
7     scanf("%d",&a);
8     if(a>0)
9     {
10        printf("the number %d is positive",a);
11    }
12    else
13    {
14        printf("the given number %d is negative",a);
15    }
16    return 0;
17 }
18
```

enter the number:


56

the number 56 is positive

--- Code Execution Successful ---

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Run

Output

```
1 #include<stdio.h>
2 int main()
3 {
4     int a,b;
5     printf("enter two numbers:");
6     scanf("%d%d",&a,&b);
7     if(a==b)
8         printf("the numbers are equal");
9     else
10        printf("the numbers are not equal");
11    return 0;
12 }
13
```

enter two numbers:34 34
the numbers are equal

=== Code Execution Successful ===

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Output

```
1 #include<stdio.h>
2 int main()
3 {
4     int d;
5     printf("enter the integer:");
6     scanf("%d",&d);
7     if(d>=-99&& d<=99)
8     printf("%d is a two digit",d);
9     else
10    printf("%d is not a two digit",d);
11    return 0;
12 }
13
```

enter the integer:93
93 is a two digit

=== Code Execution Successful ===

```
main.c
1 #include<stdio.h>
2 int main()
3 {
4     int n;
5     printf("enter the number:");
6     scanf("%d",&n);
7     if(n%3==0 && n%5==0)
8     printf("%d is a multiple of 3 and 5",n);
9     else
10    printf("%d is not a multiple of 3 and 5",n);
11    return 0;
12 }
13
```

Output

```
enter the number:15
15 is a multiple of 3 and 5

=== Code Execution Successful ===
```

main.c



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Run

Output

```
1 #include<stdio.h>
2 int main()
3 {
4     int month;
5     printf("enter a month number:");
6     scanf("%d",&month);
7     if(month>=1 && month <=12)
8     {
9         printf("%d is a valid month number:\n",month);
10    }
11    else
12    {
13        printf("%d is an invalid month number\n",month);
14    }
15    return 0;
16 }
```

enter a month number:8
8 is a valid month number:

=== Code Execution Successful ===

main.c



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Run

Output

```
1 #include<stdio.h>
2 int main()
3 {
4     int number;
5     printf("enter an integer:");
6     scanf("%d",&number);
7     if(number%2==0)
8     {
9         printf("%d is a even.\n",number);
10    }
11    else
12    {
13        printf("%d is odd.\n",number);
14    }
15    return 0;
16 }
17
18
19
```

enter an integer:4
4 is a even.

=== Code Execution Successful ===

main.c



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Run

Output

```
1 #include<stdio.h>
2 #include<math.h>
3 int main()
4 {
5     int number;
6     printf("enter an integer:");
7     scanf("%d",&number);
8     int sqrtValue=sqrt(number);
9     if(sqrtValue* sqrtValue==number)
10 {
11     printf("%d is a perfect square:\n",number);
12 }
13 else
14 {
15     printf("%d is not a perfect square:\n", number);
16 }
17 return 0;
18
19 }
20
21
22
```

enter an integer:625
625 is a perfect square:

=== Code Execution Successful ===

main.c



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Run

Output

```
1 #include<stdio.h>
2 int main()
3 {
4     int d;
5     printf("enter an integer:");
6     scanf("%d",&d);
7     if(d>18)
8     printf("the person is eligible:\n");
9     else
10    printf("the person is not eligible:\n");
11    return 0;
12 }
13
14
```

enter an integer:21
the person is eligible:

=== Code Execution Successful ===

main.c



Run

Output

```
1 #include<stdio.h>
2 int main()
3 {
4     char d;
5     printf("enter the alphabet:");
6     scanf("%c",&d);
7     if(d=='a' || d=='e' || d=='i' || d=='o' || d=='u')
8     printf("the letter is a vowel");
9     else
10    printf("the letter is a consonent");
11    return 0;
12 }
13
14
15
```

enter the alphabet:a
the letter is a vowel

=== Code Execution Successful ===