

```
1 #include <stdio.h>
2
3 int main()
4 {
5     signed int number1 = -20, number2 = 20;
6     unsigned int number3 = -1, number4 = 1;
7     printf("Given signed values are %d and %d\n", number1, number2); // Fill the correct format
8     printf("Given unsigned values are %u and %d\n", number3, number4); // Fill the correct format
9     return 0;
10 }
```

```
1 #include <stdio.h>
2
3 int main()
4 {
5     int number1 = 20, number2 = 30, sub;
6     sub = number1 - number2;
7     printf("The difference of the two given numbers = %d\n", sub);
8     return 0;
9 }
10
```

Reset answer

```
1 #include <stdio.h>
2
3 int main()
4 {
5     float num1 = 5.340000, num2 = 125.789001, result;
6     printf("Given float values are num1 = %f, num2 = %f\n", num1, num2);
7     result = num2 / num1;
8     printf("The result after dividing in float format = %f\n",result );
9     printf("The result after dividing in exponential format = %e\n",result);
10    return 0;
11 }
```

QUESTION 12 Select the errors in the code given below.

Answer: (penalty regime: 0 %)

Reset answer

```
1 #include <stdio.h>
2
3 int main()
4 {
5     float num1 = 5.345f, num2 = 12.4, result;
6     printf("Given float values are num1 = %f, num2 = %f\n", num1, num2);
7     result = num1 / num2;
8     printf("Result of division = %f\n", result);
9     return 0;
10 }
```

Answer: (penalty regime: 0 %)

```
1 #include<stdio.h>
2 int main()
3 {
4     int num1 = 7;
5     float num2 = 5.5;
6     char ch = 'w';
7     printf("Result1 = %d\n", (num1 > 5));
8     printf("Result2 = %d\n", ((num1 + num2) <= 10));
9     printf("Result3 = %d\n", (ch == 119));
10    printf("Result4 = %d\n", (ch != 'p'));
11    printf("Result5 = %d", (ch >= 10*(num1 + num2)));
12
13 }
```

```
    printf("Result5 = %d\n", !(num1 <= 3));
    return 0;
}
```

Answer: (penalty regime: 0 %)

1	#include<stdio.h>
2	int main()
3	{
4	int num1 = 7;
5	float num2 = 5.5;
6	char ch = 'w';
7	printf("Result1 = %d\n",((num1 >= 6) && (ch == 'w')));
8	printf("Result2 = %d\n",((num2 < 11) && (num1 > 10)));
9	printf("Result3 = %d\n",((ch != 'p') ((num1 + num2) <= 10)));
10	printf("Result4 = %d\n",!(num1 > (num2 + 1)));
11	printf("Result5 = %d\n",!(num1 <= 3));
12	return 0;
13	}

```
return 0;  
}
```

Answer: (penalty regime: 0 %)

```
1 #include<stdio.h>  
2 int main()  
3 {  
4     int x = 24, y = 39, z = 45;  
5     z = x + y;  
6     y = z - y;  
7     x = z - y;  
8     printf("x = %d y = %d z = %d",x,y,z);  
9     return 0;  
10 }
```



```
1 #include<stdio.h>
2 int main()
3 {
4     int x = 2,y = 18,z = 12;
5     x+=y;
6     printf("x = %d\n",x);
7     y*=2;
8     printf("y = %d\n",y);
9     z/=5;
10    printf("z = %d\n",z);
11    x%=7;
12    printf("x = %d",x);
13    return 0;
14 }
```

```
1 #include<stdio.h>
2 int main()
3 {
4     int marks = 75, pass_marks = 50;
5     (marks > pass_marks) ? printf("Passed C exam."):printf("Failed C exam.");
6     return 0;
7 }
```

[

In the program given below, fill in the missing code to find the **largest** of the two given numbers using **ternary operator**.

Answer: (penalty regime: 0 %)

Reset answer

```
1 #include <stdio.h>
2
3 int main()
4 {
5     int num1 = 20, num2 = 25, large;
6     large = (num1+num2)*num1+num2; // Write the correct code
7     printf("Largest number = %d", large);
8     return 0;
9 }
```

```
1 #include<stdio.h>
2 int main()
3 {
4     int a,b,perimeter,area;
5     scanf("%d",&a);
6     scanf("%d",&b);
7     perimeter=2*(a+b);
8     area=a*b;
9     printf("%d\n",perimeter);
10    printf("%d\n",area);
11    return 0;
12 }
```

Answer: (penalty regime: 0 %)

```
1 #include<stdio.h>
2 int main()
3 {
4     int a,b,c,d;
5     scanf("%d",&a);
6     scanf("%d",&b);
7     c=a/b;
8     d=a%b;
9     printf("%d\n",c);
10    printf("%d",d);
11    return 0;
12 }
```

: (penalty regime: 0 %)

```
#include<stdio.h>
int main()
{
    int x,y,z,profit;
    scanf("%d %d %d",&x,&y,&z);
    profit=((x*y)-(x*z))-100;
    printf("%d",profit);
}
```

```
1 #include<stdio.h>
2 int main()
3 {
4     int a,c;
5     scanf("%d",&a);
6     c = (a/10) + (a%10);
7     printf("%d",c);
8 }
```

Answer: (penalty regime: 0 %)

```
1 #include<stdio.h>
2 int main()
3 {
4     int binaryThree = 0b11;
5     printf("binaryThree value = %d\n",binaryThree);
6     int octalEight = 010;
7     printf("octalEight value = %d\n",octalEight);
8     int hexTen = 0xA;
9     printf("hexTen value = %d\n",hexTen);
10    int asciiValueOfOne = '1';
11    printf("asciiValueOfOne value = %d\n",asciiValueOfOne);
12    int asciiValueOfA = 'A';
13    printf("asciiValueOfA value = %d\n",asciiValueOfA);
14    return 0;
15 }
```

[Reset answer](#)

```
1 #include <stdio.h>
2
3 int main()
4 {
5     int num1 = 15, num2 = 25, sum;
6     printf("Given integers are num1 = %d, num2 = %d\n", num1, num2);
7     sum=num1+num2;
8     printf("Sum of 2 given numbers = %d\n", sum);
9     return 0;
10 }
```

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