```cpp
2  int main()
3  {
4      float cost1, cost2, cost3;
5      int product1, product2, product3;
6      float total1, total2, total3, totalBill;
7      printf("Enter the cost of item 1:");
8      scanf("%f",&cost1);
9      printf("Enter the product of item 1:");
10     scanf("%d",&product1);
11     printf("Enter the cost of item 2:");
12     scanf("%f",&cost2);
13     printf("Enter the product of item 2");
14     scanf("%d",&product2);
15     printf("Enter the cost of item 3");
16     scanf("%f",&cost3);
17     printf("Enter the product of item3:");
18     scanf("%d",&product3);
19     total1 = cost1*product1;
20     total2 = cost2*product2;
21     total3 = cost3*product3;
22     totalBill = total1+total2+total3;
23     printf("\nTotalBill:\n");
24     printf("Item1:%.2fx %d=%.2f\n", cost1, product1, total1);
25     printf("Item2:%.2fx %d=%.2f\n", cost2, product2, total2);
26     printf("Item3:%.2fx %d=%.2f\n", cost3, product3, total3);
27     printf("Total Bill:%2f\n",totalBill);
28     return 0;
29 }
```

Output

```
Enter the cost of item 1:200
Enter the product of item 1:10
Enter the cost of item 2:250
Enter the product of item 215
Enter the cost of item 3300
Enter the product of item3:20

TotalBill:
Item1:200.00x 10=2000.00
Item2:250.00x 15=3750.00
Item3:300.00x 20=6000.00
Total Bill:11750.000000


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

```cpp
main.cpp

1  #include <stdio.h>
2  int main()
3 ▾ {
4  int y;
5  printf("Enter a the year:");
6  scanf("%d", &y);
7  if((y%4==0 && y%100!=0)||(y%400==0)){printf("%d is a leap year.\n",y);}
8  else {printf("%d id not a leap year.\n",y);}
9  return 0;
10 }
```

Output

```
Enter a the year:2022
2022 id not a leap year.


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

Share   Run   Clear

```c
1  #include <stdio.h>
2  int main()
3  {
4  float ab,wm,nb;
5  printf("\nenter the money that should be withdrawn from your savings:");
6  scanf("%f",&wm);
7  printf("\nenter your account balance:");
8  scanf("%f",&ab);
9  nb=ab-wm;
10 if(wm<=ab) {printf("\ntheamount %2f will be withdrawn",wm);
11 printf("\nthe remaining balanceis:%2f",nb);}
12 else {printf("insufficiant funds");}
13 return 0;
14 }
```

Output

enter the money that should be withdrawn from your savings:5000

enter your account balance:15000

theamount 5000.000000 will be withdrawn
the remaining balanceis:10000.000000

=== Code Execution Successful ===

```cpp
#include <stdio.h>
int main()
{
char c;
printf("\nenter the character:");
scanf("%c",&c);
if (c=='a'||c=='e'||c=='i'||c=='o'||c=='u'||c=='A'||c=='E'||c=='I'||c
    =='O'||c=='U')
{printf("%c is the vowel",c);}
else {printf("%c is the consonant",c);}
return 0;
}
```

Output

```
enter the character:k j
k is the consonant


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

```cpp
#include <stdio.h>
#include <math.h>
int main()
{
float num, root;
printf("Enter any number to find square root: ");
scanf("%f", &num);
root = sqrt(num);
printf("Square root of %.2f = %.2f", num, root);
return 0;
}
```

Output

```
Enter any number to find square root: 26
Square root of 26.00 = 5.10

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

```
main.cpp

1  #include <stdio.h>
2  int main()
3  {
4    int n;
5    printf("enter the value of n:");
6    scanf("%d",&n);
7    (n%2==0)?printf("it is Even Number"):printf("it is Odd Number");
8    return 0;
9  }
```

Output

```
enter the value of n:8
it is Even Number


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

```cpp
#include <stdio.h>
int main()
{
    float original_cost, offer, tax, final_cost;
    printf("Enter the original cost: ");
    scanf("%f", &original_cost);
    printf("Enter the offer percentage: ");
    scanf("%f", &offer);
    printf("Enter the sales tax percentage: ");
    scanf("%f", &tax);
    final_cost = original_cost - (original_cost * (offer / 100));
    final_cost = final_cost * (1 + (tax / 100));
    printf("The final cost is: $%.2f\n", final_cost);
    return 0;
}
```

Output

```
Enter the original cost: 450
Enter the offer percentage: 45
Enter the sales tax percentage: 5
The final cost is: $259.88


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

```cpp
1  #include <stdio.h>
2  int main()
3 ▾ {
4    int x = 20, y = 25, result;
5    result = ++x + y++ + x++;
6    printf("Result = %d\n", result);
7    printf("x = %d, y = %d\n", x, y);
8    return 0;
9  }
```

Output

```
Result = 67
x = 22, y = 26


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