

LAPSHEET OF C PROGRAMMING

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```
//WAP to find the addition of two input number
#include <stdio.h>
#include<conio.h>
void main()
{
    int a,b,s;
    printf("enter the num a and b");
    scanf("%d%d",&a,&b);
    s=a+b;
    printf("the result is %d",s);
    getch();
}
```

Output is →
enter the num a and b
5
6

the result is 11

```
...Program finished with exit code 255
Press ENTER to exit console
```

```
//WAP to display "hello world"
```

```
#include<stdio.h>
#include<conio.h>
void main()
{
```

```
    printf("hello world");
    getch();
}
```

Output is :

hello world

```
...Program finished with exit code 255
```

Press ENTER to exit console.

```
//WAP to input the lenght and breath of a rectangle and find the area and perimeter of rectangle
```

```
#include <stdio.h>
#include<conio.h>
void main()
{
```

```
    int a,l,b,p;
    printf ("enter the value of l and b");
    scanf("%d%d",&l,&b);
    a=l*b;
    p=4*l;
    printf("area of square is %d",a);
    printf("perimeter of square is %d",p);
    getch();
}
```

Output is :

enter the value of l and b 4

5

area of square is 20perimeter of square is 16

```
...Program finished with exit code 255
```

```
Press ENTER to exit console.

//WAP to initialize integer, float and character value and display

#include<stdio.h>
#include<conio.h>
void main()
{
    int a=1233;
    float b=12.12;
    char c='k';
    printf("integer value is %d",a);
    printf("float value is %f",b);
    printf("character value is %c",c);
    getch();
}

Output is :

integer value is 1233float value is 12.120000character value is k
```

```
...Program finished with exit code 255
Press ENTER to exit console.
```

```
// WAP to convert centigrade temperature to fahrenheit temperature
#include<stdio.h>
#include<conio.h>
void main()
{
    float c,fa;
    printf("enter the temperature in centigrade");
    scanf("%f",&c);
    fa=1.8*c+32;
    printf("/n the temperature in fahrenheit %f",fa);
    getch();
}

Output is :
enter the temperature in centigrade32
/n the temperature in fahrenheit 89.599998

...Program finished with exit code 255
Press ENTER to exit console.
```

```
// WAP to convert centigrade temperature to fahrenheit temperature
#include<stdio.h>
#include<conio.h>
void main()
{
    int p,t;
    float r,si;
    printf("ernter the number of p,t and r");
    scanf("%d%d%f",&p,&t,&r);
    si=p*t*r/100;
    printf("the result is %f",si);
    getch();
}

Output is :

ernter the number of p,t and r500
2
5.5
the result is 55.000000

...Program finished with exit code 255
```

```
//WAP to input any three number and find their sum and average
```

```
#include<stdio.h>
#include<conio.h>
void main()
{
    int a,b,c,s,av;
    printf("enter the number of a,b, and c ");
    scanf("%d%d%d",&a,&b,&c);
    s=a+b+c;
    av=(a+b+c)/3;
    printf("the sum is %d",s);
    printf("the average is %d",av);
    getch();
}
```

Output is :

```
enter the number of a,b, and c 2
```

```
3
```

```
4
```

```
the sum is 9the average is 3
```

```
...Program finished with exit code 255
```

```
//WAP to input any number and find the square of that number
```

```
#include <stdio.h>
#include<conio.h>
void main()
{
    int n,sq;
    printf("enter the number");
    scanf("%d",&n);
    sq=n*n;
    printf("square of number is %d",sq);
    getch();
}
```

Output is :

```
Enter the number5
```

```
Square of number is 25
```

```
...program finished with exit code
```

```
225
```

```
//WAP to input any number and find the cube of that number
```

```
#include<stdio.h>
#include<conio.h>
#include<math.h>
void main()
{
    int n,cu;
    printf("enter the number");
    scanf("%d",&n);
    cu=pow(n, 3);
    printf("the cube of %d is %d",n,cu);
    getch();
}
```

Output is :

```
enter the number5
```

```
the cube of 5 is 125
```

```
...Program finished with exit code 255
```

```
Press ENTER to exit console.
```

```
//WAP to input the marks obtained by a students in 5 different subjects and
//find the percentage obtained by that student

#include<stdio.h>
#include<conio.h>
void main()
{
    int sub,m1,m2,m3,m4,m5,per;
    printf("enter 5 number");
    scanf("%d%d%d%d%d", &m1, &m2, &m3, &m4, &m5);
    sub=m1+m2+m3+m4+m5;
    per=(sub*100)/500;
    printf("percentage obtained by that student %d", per);
    getch();
}

Output is :
enter 5 number 55
65
75
85
80

percentage obtained by that student 72
...Program finished with exit code 255

Press ENTER to exit console.
```