

## Practical No 5

- Program 1 : Write a program to check whether a number is even or odd using functions.

//Name : Rakesh Mahadev Bandi

//Roll No : 3

//Class : SYCSE

//PRN No : 2024065738

```
#include<stdio.h>
```

```
#include<conio.h>
```

```
int EOdd()
```

```
{
```

```
    int e;
```

```
    printf("Enter No..");
```

```
    scanf("%d", &e);
```

```
    if(e%2==0)
```

```
    {
```

```
        printf("\n\nIts Even..\n");
```

```
    }
```

```
    else
```

```
    {
```

```
        printf("\n\nIts Odd..\n");
```

```
    }
```

```
}
```

```
int main()
```

```
{
```

```
    EOdd();
```

```
    return 0;
```

```
}
```

C:\Users\Admin\Documents\C Prog\_SYCSE\Direct\EOdd.exe

Enter No..7

Its Odd..

-----  
Process exited after 2.4 seconds with return value 0  
Press any key to continue . . .

- Program 2 : Write a program to add, subtract, multiply and divide 2 integers using user-defined type function with return type.

```
//Name : Rakesh Mahadev Bandi  
//Roll No : 3  
//Class : SYCSE  
//PRN No : 2024065738
```

```
#include<stdio.h>  
#include<conio.h>
```

```
int add(int a, int b)  
{  
    return a+b;  
}
```

```
int sub(int a, int b)  
{  
    return a-b;  
}
```

```
int mul(int a, int b)  
{  
    return a*b;  
}
```

```
int div(int a, int b)  
{  
    return a/b;  
}
```

```
void calsi() {  
    int a, b;  
    printf("Enter No 1: ");  
    scanf("%d", &a);  
    printf("Enter No 2: ");  
    scanf("%d", &b);  
  
    printf("\n\nAddition: %d", add(a, b));
```

```
    printf("\n\nSubtraction: %d", sub(a, b));  
    printf("\n\nMultiplication: %d", mul(a, b));  
    printf("\n\nDivision: %d", div(a, b));  
  
}  
  
int main()  
{  
    calsi();  
    return 0;  
}
```

C:\Users\Admin\Documents\C Prog\_SYCSE\Direct\calsi.exe

```
Enter No 1: 7  
Enter No 2: 7  
  
Addition: 14  
  
Subtraction: 0  
  
Multiplication: 49  
  
Division: 1  
-----  
Process exited after 8.517 seconds with return value 0  
Press any key to continue . . .
```

- Program 3 : Write a program to implement function call with any program.

//Name : Rakesh Mahadev Bandi

//Roll No : 3

//Class : SYCSE

//PRN No : 2024065738

```
#include<stdio.h>
```

```
#include<conio.h>
```

```
void square()
```

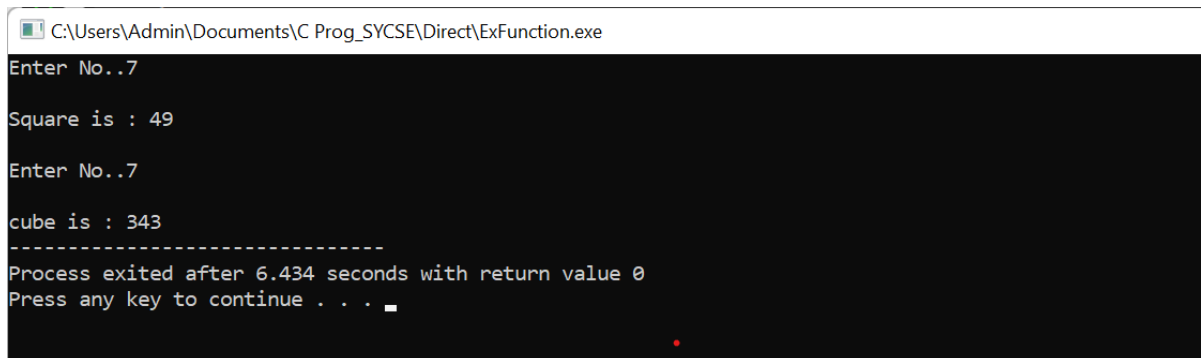
```
{    int s;  
    printf("Enter No..");  
    scanf("%d", &s);  
    s=s*s;  
    printf("\nSquare is : %d\n", s);  
}
```

```
void cube()
```

```
{    int c;  
    printf("\nEnter No..");  
    scanf("%d", &c);  
    c=c*c*c;  
    printf("\ncube is : %d", c);  
}
```

```
int main()
```

```
{    square();  
    cube();  
    return 0;  
}
```



```
C:\Users\Admin\Documents\C Prog_SYCSE\Direct\ExFunction.exe  
Enter No..7  
Square is : 49  
Enter No..7  
cube is : 343  
-----  
Process exited after 6.434 seconds with return value 0  
Press any key to continue . . .
```