

1. Write a program to print unit digit of a given number

```
#include<stdio.h>

int main()
{
    int a,n;

    printf("enter a number ");

    scanf("%d",&n);

    a=n%10;

    printf("the unit digit is %d:",a);

    return 0;
}
```

2. Write a program to print a given number without its last digit.

```
#include<stdio.h>

int main()
{
    int a,n;

    printf("enter a number ");

    scanf("%d",&n);

    n=n/10;

    printf("the number without last digit is %d:",n);

    return 0;
}
```

3. Write a program to swap values of two int variables

```
#include<stdio.h>

int main()
{
    int a=10,b=20,temp=0;

    temp=a;

    a=b;

    b=temp;

    printf("the swap number is %d %d:",a,b);
}
```

```
    return 0;
}
```

4. Write a program to swap values of two int variables without using a third variable.

```
#include<stdio.h>

int main()
{
    int a=10,b=20;

    a=a+b;
    b=a-b;
    a=a-b;

    printf("the swap number is a=%d b=%d:",a,b);

    return 0;
}
```

5. Write a program to input a three-digit number and display the sum of the digits.

```
#include<stdio.h>

int main()
{
    int n,a,b,c;

    printf("enter a three digit number : ");

    scanf("%d",&n);

    a=n%10;
    n=n/10;
    b=n%10;
    n=n/10;
    c=n%10;

    printf("the sum is %d:",a+b+c);

    return 0;
}
```

6. Write a program which takes a character as an input and displays its ASCII code.

```
#include<stdio.h>

int main()
```

```

{
    char a;

    printf("write any character :");

    scanf("%c",&a);

    printf("%d",a);

    return 0;
}

```

8. Write a program to check whether the given number is even or odd using a bitwise operator.

```

#include<stdio.h>

int main()
{
    int n;

    printf("enter a number :");

    scanf("%d",&n);

    n&1 ? printf("odd ") : printf("even ");

    return 0;
}

```

9. Write a program to print size of an int, a float, a char and a double type variable

```

#include<stdio.h>

int main()
{
    int a ;

    float b;

    char c;

    printf("the size of int float and char is %d %d %d",sizeof(a),sizeof(b),sizeof(c));

    return 0;
}

```

10. Write a program to make the last digit of a number stored in a variable as zero.

(Example - if x=2345 then make it x=2340)

```

#include<stdio.h>

```

```

int main()
{
    int a ;
    printf("enter a number :");
    scanf("%d",&a);
    a=a/10;
    a=a*10;
    printf("the number with last digit zero is %d",a);
    return 0;
}

```

11. Write a program to input a number from the user and also input a digit. Append a digit in the number and print the resulting number. (Example - number=234 and digit=9 then the resulting number is 2349)

```

#include<stdio.h>

int main()
{
    int a,n ;
    printf("enter a number :");
    scanf("%d",&n);
    printf("enter a digit :");
    scanf("%d",&a);
    n=n*10;
    n=n+a;
    printf("the number with digit is : %d",n);
    return 0;
}

```

12. Assume price of 1 USD is INR 76.23. Write a program to take the amount in INR and convert it into USD.

```

#include<stdio.h>

int main()

```

```
{  
    float usd ,n ;  
    printf("enter a money in inr :");  
    scanf("%f",&n);  
    usd=n/76.23;  
    printf("the amount in usd is %f",usd);  
    return 0;  
}
```