

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%20;  
  
    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;  
}
```