

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

```
#include<stdio.h>

int main()
{
    int a;
    printf("Enter a number");
    scanf("%d",&a);
    printf("The unit digit of %d is%d",a,a%10);
    return 0;
```

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

```
#include<stdio.h>

int main()
{
    int a;
    printf("Enter a number:");
    scanf("%d",&a);
    printf("Number without last digit is %d ",a/10);
    return 0;
}
```

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

```
#include<stdio.h>

int main()
{
    int a,b,c;
    printf("Enter two numbers:");
    scanf("%d%d",&a,&b);
    printf("a=%d and b=%d",a,b);
```

```
c=a;
a=b;
b=c;
printf("\n a=%d and b=%d",a,b);
return 0;
}
```

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

```
#include<stdio.h>

int main()
{
    int a,b,c;
    printf("Enter two numbers:");
    scanf("%d%d",&a,&b);
    printf("a=%d and b=%d",a,b);
    printf("\n a=%d and b=%d",b,a);
    return 0;
}
```

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

```
#include<stdio.h>

int main()
{
    int a;
    printf("Enter a number:");
    scanf("%d",&a);
    printf("The sum of number %d",a/100+a%100/10+a%10);
    return 0;
}
```

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

```
int main()
{
    char a;
    printf("Enter a character:");
    scanf("%c",&a);
    printf("The ASCII code is =%d",a);
    return 0;
}
```

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//7. Write a program to find the position of first 1 in LSB.

Please help me to solve this problem.

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

```
int main()
{
    int a;
    printf("Enter a number:");
    scanf("%d",&a);
    if(a & 1==1)
        printf("Number is odd.");
    else
        printf("Number is even.");
    return 0;
}
```

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//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;
    char b;
    float c;
    double d;
    printf("size of int= %d",sizeof(a));
    printf("\nsize of char=%d",sizeof(b));
    printf("\nsize of float=%d",sizeof(c));
    printf("\nsize of double=%d",sizeof(d));
    return 0;
}
```

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**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)**

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**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)**

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//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 a,b;
    printf("Amount in INR:");
```

```
scanf("%f",&a);  
b=a/76.23;  
printf("The value of INR %f in USD is %f",a,b);  
return 0;  
}
```

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13. Write a program to take a three-digit number from the user and rotate its digits by one position towards the right.