

INDEX

Ex. No.	Date	Name of Experiment	Page Number	Faculty Signature
01.		WAP to print Hello world.	01.	
02.		To find greatest No. of three A, B, C	02	
03.		i) Write a program of swapping of two number without using third variable ii) WAP of swapping of two no. using third variable	03.	
04.		WAP to find a factorial	04.	
05.		WAP to print fibonacci series	05.	
06.		WAP to print pattern.	06.	
07.		WAP to use switch case condition.	07.	
08.		WAP to print 2D Array.	08.	
09.		WAP to use if - else condition	09.	
			10.	

Program : 01

Aim: Write a program to print "HelloWorld"

Code

```
#include <stdio.h>
int main() {
    printf ("HelloWorld");
```

3.

Program : 02

Aim: To find greatest No. of three A,B,C

Code:

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

~~int A,B,C;~~

```
int A,B,C;
printf ("Enter the numbers A,B and C: ");
scanf ("%d %d %d", &A, &B, &C);
```

```
if (A > B & A >= C)
```

```
    printf ("%d is the largest number");
```

```
if (B >= A & B >= C)
```

```
    printf ("%d is the largest number");
```

```
if ( c >= A && c >= B )  
printf ("c.d is the largest number.");  
return 0;
```

3.

Program: 03

Aim: Write a program of swapping of two numbers without using third variable.

Code
=

```
#include <stdio.h>  
int main()  
int a=5 , b=10,  
a=b+a ;  
b=a-b ;  
a=a-b ;
```

```
printf ("a=%d b=%d", a, b);  
return 0;
```

3.

> Aim: Write a program of swapping of two numbers using third variable.

Code:

```
#include <stdio.h>
int main() {
    int x, y, temp;
    printf ("Enter the two numbers\n");
    scanf ("%d %d", &x, &y);
    printf ("Before swapping: x=%d, y=%d\n",
           x, y);
    temp = x;
    x = y;
    y = temp;
    printf ("After swapping: x=%d, y=%d, z=%d\n",
           x, y, z);
    return 0;
}
```

3.

else
 return (number * fact (number - 1));

if (number == 0 || number == 1)
 return 1;
int factorial (int number)

{
 f = factorial (number);
 printf (" In the factorial of the number %d is %d \n ", number, f);
 return 0;

scanf ("%d", & number);
printf (" Enter the number : ");
int num , f ;

#include <stdio.h>
int main () {

Code

Aim:- write a program to find a factorial:
Program:

5

else if (num > 1)

{
 if (num == 0)
 return 0;
 else if (num == 1)
 return 1;

 int fibo = fibo(fibonacci(int num - 1)) + fibo(fibonacci(int num - 2));
 return fibo;

6

else if (num > 1)

{
 int fibo = fibo(fibonacci(int num - 1)) + fibo(fibonacci(int num - 2));
 return fibo;

7

 else if (num > 1)
 fibonacci += fibo(fibonacci(int num - 1)) + fibo(fibonacci(int num - 2));
 return fibo;

Slow to calculate
to be in the series,
fibonacci("Enters the number of elements
num + 1")

#include <stdio.h>
int main()
{
 int num;
 scanf("%d", &num);
 fibo(num);
}

Code

Aim: Write a program to print Fibonacci series:
So; we have

Point L in Right Angle Triangle

Scant ("A", 8 Rows);

int main() {
 int rows, i, j;
 cout << "Enter the Number of
 Rows: ";

#include <stdio.h>
int main() {

int rows, i, j;
 cout << "Enter the Number of Rows: ";
 cin >> rows;
 for (i = 1; i <= rows; i++) {
 for (j = 1; j <= i; j++)
 cout << "*";
 cout << endl;
 }
}

Code

Q1: Write a program to print a given pattern:

| 0; reverse |

{

(num - 2);

else if (num - 1) + fibonaci

{

else

Case 8: pointf ("Value is 8")
break;

Case 7: pointf ("Value is 7")
break;

switch (num)
{
 int num = 8;
 int random();
 #include <stdio.h>

case

ifm: write a program to use switch
for: random();

5.

return 0;

}

pointf ("m");

{

pointf ("*");

{

(++i, i = 1, i <= 5, i++)

{

for (i = 1, i <= 5, i++)

5

`[[columns], [since] a ("y,d"), a (["x", "y"])] + tused`

`let lums++`

`let int lolumn = 0, [columns] <= 2;`

`for (int rows = 0, rows < 2, rows++) {`

`paintf ("\\n Drawing the 2D Frame in [%d,%d]",`

`int a [2] [2] = {{10, 20}, {30, 70}};`

`int year, columns;`

`#include <stdio.h>`

`code:`

`ifim: write a program to paint 2D Frame.`

`BO: reverse`

6

`return 0;`

`break;`

`paintf ("Out of range");`

`defout:`

`break;`

`paintf ("Value is g");`

`case g:`

```
#include <stdio.h>
int main()
{
    int a[10], i, n, sum = 0;
    printf("Enter an integer : ");
    scanf("%d", &n);
    for (i = 1; i <= n; i++)
    {
        a[i] = i;
        sum += a[i];
    }
    printf("Sum of first %d numbers is %d", n, sum);
}
```

With the introduction of the new system, we have to make some changes.

so; weberhaeg ~~so; weberhaeg~~

• $\{ \text{parent}(\ldots, m, \ldots) \}$