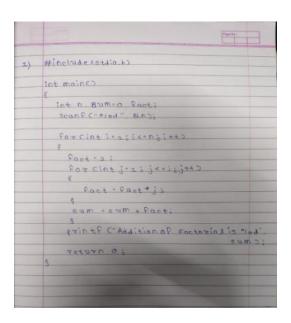


Experiment: 1

Aim: Write a program to find sum of 1! + 2! + 3! + 4! + 5! Up to n terms

Software: Dev C++

Code:



Output:

D:\Aryan\Sem-1\ICP\Assigment\Programming Assigment\Programming Assigment

Enter The Value of N:-7

Addition of Factorial Till 7 number Is 5913

Process exited after 0.9029 seconds with return value 0

Press any key to continue . . .

Student Name:- Aryan Dilipbhai Langhanoja

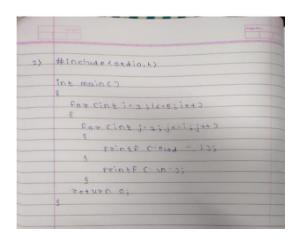


Experiment: 2

Aim: Print pattern like follow.

Software: Dev C++

Code:



Output:

```
1
2 2
3 3 3
4 4 4 4
5 5 5 5 5
-----
Process exited after 0.0603 seconds with return value 0
Press any key to continue . . .
```

Student Name:- Aryan Dilipbhai Langhanoja

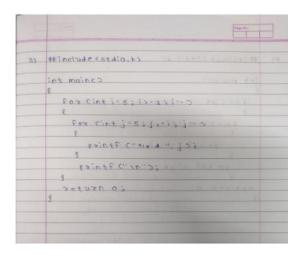


Experiment: 3

Aim: Print pattern like follow.

Software: Dev C++

Code:-



Output:

D:\Aryan\Sem-1\ICP\Assigment\Programming Assigment\Programming Assigm

```
5
5
4
5
4
5
4
3
5
4
3
5
4
3
2
5
4
3
2
1
-----

Process exited after 0.07466 seconds with return value 0
Press any key to continue . . . _
```

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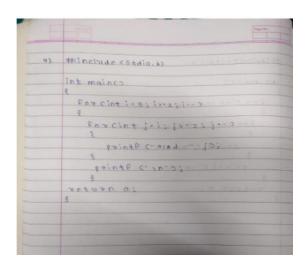


Experiment: 4

Aim: Print pattern like follow.

Software: Dev C++

Code:-



Output:-

D:\Aryan\Sem-1\ICP\Assigment\Programming Assigment\Programming Assig

5 4 3 2 1

4 3 2 1

3 2 1

2 1

1

Process exited after 0.05909 seconds with return value 0

Press any key to continue . . .

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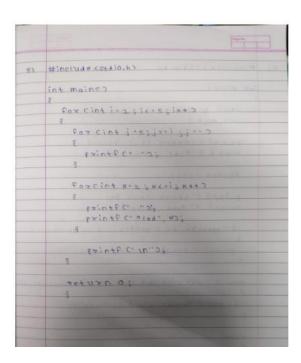


Experiment: 5

Aim:- Write a program that perform the following output for n rows

Software:- Dev C++

Code:-



Output:-

D:\Aryan\Sem-1\ICP\Assigment\Programming Assigment\Programming Assi

1
12
12
123
1234
1234
5
Process exited after 0.07075 seconds with return value 0
Press any key to continue . . .

Student Name: - Aryan Dilipbhai Langhanoja



Experiment: 6

Aim :- A company has introduced a policy of recruiting employees based on their sex and The policy is as follows:

- For a female category the eligibility criterion is that the age of a person should be more than 24.
- For a male category the age of a person should be more than 28. Write a program to find out whether a person can be employed if the age and sex of the person is entered through the keyboard.

Software:- Dev C++

Code:-

	Tree
_	
E)	thinclude (stdio.h)
	int maines
	\$
	chas gendes;
	int age;
	printf C" Enter Your Gender :- ");
	scanf ("olac" & gender);
	Private Catalina:
	printf ("Enter rour Age:- ");
	scool ("olad" stages!
	at the state of the state of
	16 Cage >= 2 n & Bt C gender == 1 P n gen
	exintly Coreson Is Employed ");
	else 19 Cage 2-28 deal Caender 1911119
	\$
	paints corretted Is Employed "5;
	4
	else
	3
	prints or ferson Is Not Employe
	36473-10-0:

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Output:-

Student Name:- Aryan Dilipbhai Langhanoja

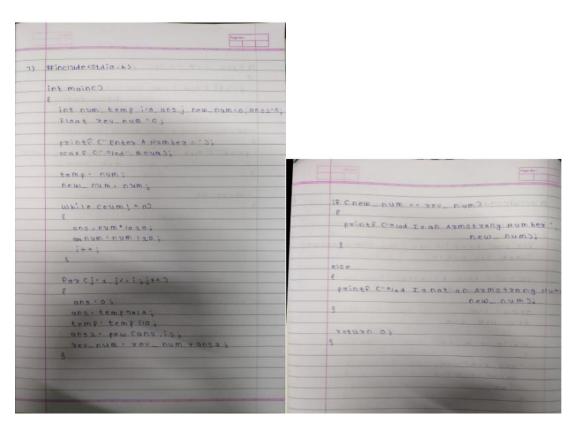


Experiment: 7

Aim:- Write a program to check whether a number is an Armstrong number or not. (Armstrong number: the addition of the cube of the digit of a number = the number For example 153, 13 + 53 + 33 = 153.)

Software:- Dev C++

Code:-



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Output:-

■ D:\Aryan\Sem-1\ICP\Assigment\Programming Assigment\Programming As

Enter A Number:-153
153 Is An Armstrong Number
-----Process exited after 1.821 seconds with return value 0
Press any key to continue . . . _

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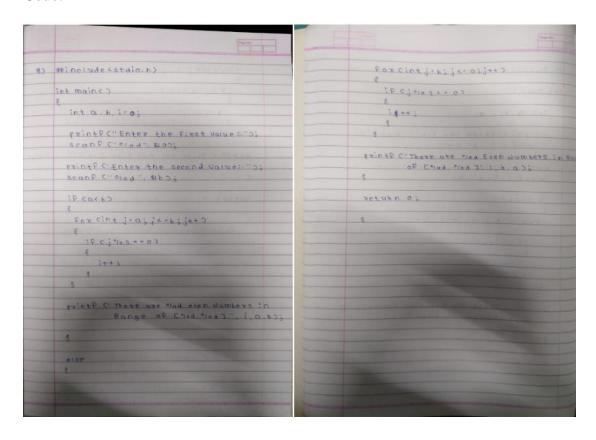


Experiment: 8

6. Aim:- Write a program to count the number of even numbers in a range provided by the user

Software:- Dev C++

Code:-





Output:-

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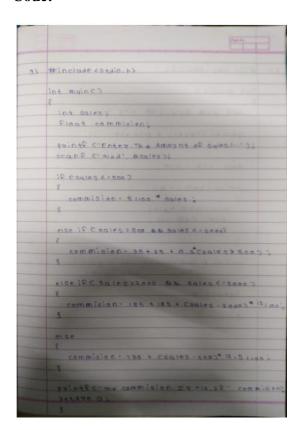
Experiment: 9

Aim:- Calculate the commission for a sales representative as per the sales amount: if sales <= Rs 500, commission is 5%.

- if sales > 500 and \leq 5000, commission is Rs 35 plus 10% above Rs 500.
- if sales > 2000 and < = 5000, commission is Rs 185 plus 12% above Rs 2000.
- if sales > 5000, commission is 12.5%

Software:- Dev C++

Code:-



Student Name:- Aryan Dilipbhai Langhanoja



Output:-

D:\Aryan\Sem-1\ICP\Assigment\Programming Assigment\Programming As

Enter The Amount of Sales:-6000

The Commission Is 1417.50

Process exited after 2.481 seconds with return value 0

Press any key to continue . . .

Student Name:- Aryan Dilipbhai Langhanoja

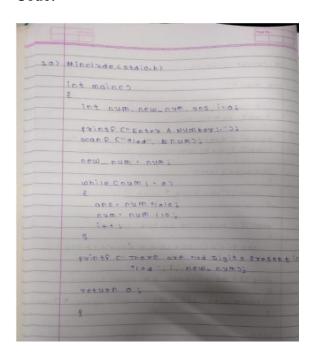


Experiment: 10

Aim: Write a program to count the digits of a number

Software:- Dev C++

Code:-



Output:-

Student Name:- Aryan Dilipbhai Langhanoja