*** Demostrate of Nortous datatype**
Nome of The Student: Abhishek Sib Singh,
Address of The Student: mumbal
Roll no of The Student: 1771

percentage or Student: 2766741697.

Mobile no of The Student: A.

Grade of The Student: A.

Student name: Abhishek Sib Singh,
Student addres! mumbal

Student percentage: 78%

Stodent grade: A

Stodent mobile no: 8766741697

```
Aim: Program to Understand The Basic datatype
                      (Programe-I)
#include <stolon>
# include < conjoin>
  void main
       char name [50];
       Char add [50];
        int voll-ro;
        floot percontage,
       char goode;
char mob [10];
        Claser ();
        print (demostrate of vorious do totype");
       printf(or In Nome of The Stower L! ");
       gets (nome);
        printA ("In Address of student!");
        Sconf ("%s", & add);
        point p(coin Roll no. of The student!");
        Scan f ("% od", 9- Roffand.);
print (" In percentage of student: ");
Cran f ("% + " & percentage);
        print FCO" In Chrocle of stoden!");
Scan & ("slass", & Grade);
        point A ( (c) n probile no. (1))
```

PRACIE (ALNO: +

print f(" | n stodent name! %s ", nome)

print f(" | n stodent address: %s", add)

print f (" | n stodent rollino: % al", sollin)

print f (" | n stodent percontage: % f", peru

print f(" n stodent percontage: % c", and

print f(" n stodent mobilizino! % loc", mos)

print f(" n stodent mobilizino! % loc", mos)

getch();

3

Bogram II

Soure (ade:

#include xatalion)

yold main()

int side: areo;

clucin(),

print f(" Enter the side in");

Ston f(" god ", side);

area = side*side;

print f (" in Arra or Squore %d", area);

getch();

getch();

Enter the Side 10

Area of Square 100

Filal 2020

OUTPUT 8-

Enter 1st number! 8
Enter 2 nd number! 6
Additton of 2 number! 14
Sobstruction of 2 number! 2
moltiplication of 2 number! us
Division of 2 number! 1,8333

```
AIM: Harite o C- program which will
        show the use of norious different
        type of operators.
# Arithmetic operators
 BOURCE CODE
#include & Station>
# included conjoins
 Color plon
    int nom1, nom2, add 3, Sub, mul, dru;
   clasen ();
    printp (" Enter Amtnumber 112);
     Scanf C ( 9, d), & nom 1);
    print f ( co enter Second nomber: ");
     Scanp (coyid", 8 nom2);
     add = mum1 + nome 1,
     prints (" Addition of 2 number: " d \n", add);
      Sub = num 1 - mum 2;
      porinta ( cc Substract of 2 nombor: %d \n 1, Sob);
      mos = nom 1 & nom2;
      printA (cc multiply of 2 nomber! yid \n ", mul);
      div = nom 1 /nom2',
      porint A Ca Divide of 2 nomber ! V. d \n', dlu),
      gerency;
```

```
# logical approfore.
# include XS+010.4>
# Included contoins
 wold maines
     Int x,4,2, value, values, values,
   voluey, volues;
   drawy ()
   print + (" enter first volue : 11);
   Sconf (" /d", 2 2);
   print f (" Entor and value (1));
   Bron to C (0 Kid " 1 18.1))
   prilat F(" Enter 3"d volus ! ");
    Bront (" 1.011 + 27)
    valus 1 = ( x x 1) x x (x x 0)
    orist ( "( volus 1 te: %d \ n" , volus 1);
    (10) w 2 = (x = 4) 4 2 (2 (4)
     Britte ("value 2 10 1 y. d "vil", value);
     10 (z=y) ! (z=y)!
     potet f ( "volvo3 to i yed In"),
     yolus 4 = 10 x = = 41
     actual ( a relient to a by of Juli
      voluso= (v=4)
     wild + ("volue 5 is : 1/1/4")
     good ()
```

Numbers. Program to find out add & Ever MM ?- Decision stolement

AIGORITHM8-

Steps: Check it number %2 = =0 -1kon
Stepus Exit

SOURCE CODES-

Include & Conton wold maly () printa (co Enter anomber : "); Scanp (co V.d", 2n); C) xxx x(9) マナマン

printA (" Even number !!!)

```
else

print f (" odd nomb or! ? ");

getches;
```

Malte a program to find the Entered year

AlgorITH:

Step 1: Start
step 2: [Take Inpot] Pour from the user
Step 3: It year % 4 = 0 7 year % 400 = = 0 er
year % 4 = 0 & year y, 100 ! = 0
print NOT A LEAP YEAR.
Step 4: Exit

SOURCE CODE :

Include 2 state in by

Include 2 contains

uojd mains

int years,

chrocass,

print fer Erter a years, 12);

Sconf ("Yed" % year);

OUTPOT

34

volue == (1) 11 volue = (0) 11 volue == (19") 11 volue = (A" 11 volue = ((E") 11 volue = (19") 11 it (a== '9' || a== 'e' || a== 'i'| |a== '0' ||
a== 'y' || a== 'h' || a== 'E' || a== '1' || 8tops: [Take Inpot] Road ahoraater volue from who. 8/20/20 == 00/00 // 10/00 == 00/00/ 1/ 1/ [Yalo]:89/20/8 print (to Enter the ofphobets: "); 0== 101110==101) polate ("vouseds"), words or Consenant Son A (co Y.C " 89)! permitte a profesion 41 include 28+010 in > #inc boade < conjain SOURCE CODE 8. ALGORITHM 3dreen (); nordmain Mor 91,

```
pelmite a program to find mehether the chan
   words or Consonant
ALGORITHMS-
Step!-1 Stant
8/ep25- LTake Inpot Road ahorgates volve from usn.
8/ep3 (Check) (A, value == cca "// value = = e' 1)
       notre == (1) 11 volue = '0' 11 volue == 1011)
       votul = "A" // notul = ( E ! ) 1/ votul = (14" ) //
         volue co" Huelw "o"
 Step 4 !- EXIL
 SOURCE CODE &
Hinclude Kstdions
Hinchard e (Conjoih)
 voidmain
 chon 9%
 chreen ();
 print+ (co Enter the alphabets! 12);
 Scan A ( co y.c " 8 a)
    1'r (a == 'a' 11 a == 'e' 11 a == '0' 11
       a=='4' || a=='A' || a=='E'|| a=='1'11
       a == 10111 a == 101)
    portat & (ivousels ");
```

```
35
  Source (ODE 3-
# include (staioin)
It include < Conjoins
wold mala c)
       M+ 9[15], Siz, i;
Charco;
       prints ( contentes the size of array going was fater))
      Sconf ("y, d", & Size);
         point (cc/n throw the volue of a 9 % of 8)
                  elemente: ", 1);
         Sconf ("%d", 29 [i]);
    printf ("In The orray Chomen + Ove ig);
       for (i= o jil < size , i++)
            print f (colu a [rid] = 11, i);
             printf (1/d", 9[i]);
        getch ();
```

OUTPUTA

Extensive of orray you want! 5

Enter the value of a [o] element! 11

Enter the value of a [i] Hemont! 12

Enter the value of a [i] Hemont! 13

Enter the value of 9 [3] Flemont! 13

Enter the value of 9 [3] Flemont! 15

The Element of orray ore!

9 [0]=11 9 [J=12 9 [2]=13 9 [3]=14 9 [3]=15

fibbracci series using Array

belief of program in a to develop fibonacci.

Algorith:

Step1: Delane a array or anysine of date type Into

steps: Accept a value from year till you want

step3!- Initial/2e finst Ctomont to 1 as serve Stor Bon 081

Stepu! - Use for loop to devolop A'bonaca' sonjes. Steps: Display the surjes using print & CI for U

(4)	n 9 9 0	6 500 0	Sept to	Sup.	de.
	神神寺の一十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二	中では、	ichade Ks	SOURCE CODE :-	
	A CONTRACTOR	1 3 CT	include & Stalio.4>	SOURCE CODES-	
	T TO	to the		7	
		Sea S.		3	
	6	or of			
		3		2	
		100			

Slep !

46

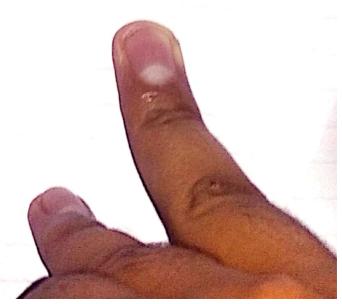
1. Stort

e. Initilize too veriable with static veriable

S. the while loop for printing the even number

"I Adding & to Convert even number world give

er stob.



Scanned with CamScanner

ري							# include.	# Inclu	Source code!	b) Pim:	
geterry	(++) 5 - (++)		1'4 (1' 7.2	, 0 .	erint f cocoda nomber from 1 to 50 ox; \hi', 4);	int 1, n= 80,	Hinched Conjoh	#Include X Stdis 42	ode	by Pim: Little a c-program to	
(0)	int interval.	print & (" Y.d \n", i);	(17.2 = = 1)		nomber fro					gram to prix	
					1450 04)					print add nomber	ф

2 histories two static of verifible meso, let;

9 use do while loop for Hendre from 1 total

9. Use if Cardition Statement to what whaten

5. Olispies the appearant output

5. Olispies the appearant output

5. Olispies the appearant output

7 step flags them & 01 privar (co as d comb parton l'entror of

(cost) material

Enter the range 10:

Steps

1) stort
2) Initialize there world the Am.

and one is dynamic 1=2; Som=0; n;

3) Use for loop for aheat the ... the gluen rarge

add wrent evan number

