

# **SAINI TECHNOLOGIES**



## **ADVANCED C PROGRAMMING WITH SAINI TECHNOLOGIES**

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## //unary Operator

```
// ++ --  
// a=40;  
//a++ post pre print or Assign Value then increment by 1  
//++a pre pre increment by 1 then print or assign value  
void main()  
{  
int a=30,b=20;  
clrscr();  
a=++a;  
b=b++;  
a++;  
++b;  
printf("\n The value of a %d",a);//32  
printf("\n The value of b %d",b); //22  
getch();  
}
```

---

### Output

The value of a 32  
The Value of b 22

---

```
//unary Operator  
// ++ --  
// a=40;  
//a++ post pre print or Assign Value then increment by 1  
//++a pre pre increment by 1 then print or assign value  
void main()  
{  
int a=30,b=20,c;  
clrscr();  
a=a++ + ++b; //30 + 21 51 52  
b=++a + b++; //53 + 21 74 75  
c=a++ + ++b; //53 + 76 129  
printf("\n The value of a %d",a);//54  
printf("\n The value of a %d",b);//76  
printf("\n The value of c %d",c);//129  
  
getch();  
}
```

---

### Output

The Value of a 54  
The value of b 76  
The value of c 129

---

```

//unary Operator
// ++ --
// a=40;
//a++ post pre print or Assign Value then increment by 1
//++a pre pre increment by 1 then print or assign value
void main()
{
int a=30,b=20,c;
clrscr();
a=++a + ++a; // 32 +32 64
b=b++ + b++; //
c=++a + a++; //65 + 65 130
printf("\n The value of a %d",a);//66
printf("\n The value of a %d",b);//42
printf("\n The value of c %d",c);//130
getch();
}

```

---

Output

The Value of a 66  
The value of b 42  
The value of c 130

---

```

//unary Operator
// ++ --
// a=40;
//a++ post pre print or Assign Value then increemnt by 1
//++a pre pre increment by 1 then print or assign value
void main()
{
int a=30,b=20,c;
clrscr();
a=a++ + ++a; //
b=++b + b++; //
c=b++ + a++; //

printf("\n The value of a %d",a);//64
printf("\n The value of a %d",b);// 44
printf("\n The value of c %d",c);// 106

getch();
}

```

---

Output

The Value of a 64  
The value of b 44  
The value of c 106

---

```

//unary Operator
// ++ --
// a=40;
//a++ post pre print or Assign Value then increemnt by 1
//++a pre pre increment by 1 then print or assign value

```

```

void main()
{
int a=30,b=20,c;
clrscr();
a=++a;
b=++a;
a=++b + ++b;
b=++b + b++;
c=a++ + ++b;
printf("\n The value of a %d",a);//
printf("\n The value of a %d",b);//
printf("\n The value of c %d",c);//
getch();
}

```

---

Output

The Value of a  
The value of b  
The value of c

---

```

//unary Operator
// ++ --
// a=40;
//a++ post pre print or Assign Value then increemnt by 1
//++a pre pre increment by 1 then print or assign value
void main()
{
int a=30,b=20,c;
clrscr();
a--a;
b=++a;
a=b-- + --b;
b=-b + b++;
c=a-- + ++b;
printf("\n The value of a %d",a);//
printf("\n The value of a %d",b);//
printf("\n The value of c %d",c);//
getch();
}

```

---

Output

The Value of a  
The value of b  
The value of c

---