Assignment(17-07-2023)-01

Unary Plus and Unary Minus

Submitted by:

Name: Santhosh S

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Email: santhoshsanthosh86920@gmail.com

UNARY PLUS:

Unary + operator is used to indicate the positive value.

It follows the following rules of mathematics.

1. Minus and Minus makes Plus
2. Minus and Plus makes Minus
3. Plus and Minus makes Minus
4. Plus and Plus makes Plus

Code-01:

```
public class Eg1
{
public static void main(String[] args)
{
int a=12;
int b;
b=+a;
System.out.println("The value of b is: "+b);
}
}
```

Output:

```
The value of b is:: 12
```

Code-02:

```
public class Eg2
{
public static void main(String[] args)
{
int a=-10;
int b;
b=+a;
System.out.println("The value of b is: "+b);
}
}
```

Output:

The value of b is: -10

UNARY MINUS:

Unary - operator is used to convert a positive value into a negative value.

It also follows the following rules of mathematics.

1. Minus and Minus makes Plus
2. Minus and Plus makes Minus
3. Plus and Minus makes Minus
4. Plus and Plus makes Plus

Code-01:

```
public class Eg1
{
public static void main(String[] args)
{
int a=2;
int b;
b=-a;
System.out.println("The value of b  is: "+b);
}
}
```

OUTPUT:

The value of b is: -2

Code-02:

```
public class Eg2
{
public static void main(String[] args)
{
int a=-5;
int b;
b=-a;
System.out.println("The value of b  is: "+b);
}
}
```

OUTPUT:

```
The value of b is: 5
```