

# Brain International School

Computer Science Assignment

Class-XI

July'2018

## Ch-7. Data Handling

- 1) Write a program to print HELLO WORLD on screen.
- 2) Write a program to display the following output using a single cout statement.

Subject	Marks
Mathematics	90
Computer	77
Chemistry	69

- 3) Write a program which accept two numbers and print their sum.
- 4) Write a program which accept temperature in Fahrenheit and print it in centigrade.
- 5) Write a program which accept principle, rate and time from user and print the simple interest.
- 6) Write a program which accepts a character and display its ASCII value.
- 7) Write a program to swap the values of two variables.
- 8) Write a program to calculate area of circle.

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### Ch-8. Operators and Expressions in C++

- 1 How '/' operator is different from '%' operator?
2. Which type of operator is used to compare the values of operands?
3. How will you alter the order of evaluation of operator?
4. What is the unary operator? Write 2 unary operator.
5. What is output operator and input operator
6. What will be the output of following code:

```
void main( )
{int j=5;
cout<<++j<<j<<j++<<j; // in cascading processing starts from right to left
}
```

7. What will be the output of following code:

```
void main( )
{
int j=5;
cout<<++j + j++ +j++;
}
```

8. What will be the output of following code:

```
void main()
{
int j=5, k;
k= a++ +
a+ ++a;
cout<<k;
```

9. Write a program to check whether the given number is positive or negative (using ?: ternary operator )
10. Write a program to check whether the given number is even or odd (using ?: ternary operator )
11. Write a program to swap value of two variables without using third variable.
12. Write a program which input three numbers and display the largest number using ternary operator.
13. Write a program which accepts amount as integer and display total number of Notes of Rs. 500, 100, 50, 20, 10, 5 and 1.

For example, when user enter a number, 575,the results would be like this...

```
500: 1
100: 0
50: 1
```

20: 1  
 10: 0  
 5: 1  
 1: 0

14. Write a program which accepts a character and display its next character.

15. Write a program which accepts days as integer and display total number of years, months and days in it. for example : If user input as 856 days the output should be 2 years 4 months 6 days.

16. What is the output of following program?

```
int result = 4 + 5 * 6 + 2;
cout<<result;
```

```
int a = 5 + 7 % 2;
cout<<a;
```

17. What is the output of following program?

int x = 10,y; y = x++; cout<<y;	int x = 10,y; y = x++; cout<<x;	int x = 10; x++; cout<<x;
int x = 10,y; y = ++x; cout<<y;	int x = 10; cout<<++x;	int x = 10; cout<<x++;

18. What is the output of following program?

int x = 10; cout<<x<<x++;	int x = 10; cout<<++x<<x++<<x;	int x = 10; cout<<x++<<x<<++x;
int x = 10,y; y = x + x++; cout<<y;	int x = 10,y; y = ++x + x++ + x; cout<<y;	int x = 10,y; y = x++ + x + ++x; cout<<y;

19. What is the output of following program?

```
cout << setw(10)<< 77;
```