

1) public class main

```
{
    public static void main (String args[])
    {
        String s1 = "Hello world";
        System.out.println(s1);
        String s2 = new String("Hello World");
        System.out.println(s2);
        char f1[] = {'h', 'e', 'l', 'l', 'o'};
        String s3 = new String(char array);
        System.out.println(s3);
    }
}
```

output:

Hello World

Hello World

hello

2) public class main

```
{
    public static void main (String args[])
    {
        char c[] = {'a', 'b', 'c'};
        String s = new String(c);
        System.out.println(s.length());
        String s1 = "abc";
        System.out.println(s1.length());
        int age = 19;
        System.out.println("I am " + age + " years old");
    }
}
```

I am 19 years old

3) Output

Dimensions are 10.0 by 14.0 by 12.0

Bob: Dimensions are 10.0 by 14.0 by 12.0

4) Bmsce

a) 65

66

67

5) welcome to bmsce college

6) Bmsce equals Bmsce \rightarrow true

Bmsce equals College \rightarrow false

Bmsce equals BMSEE \rightarrow false

Bmsce equals ignore case BMSCE \rightarrow true

7) substring is matched

s1: "Bmsce College"

s2: "welcome to Bmsce College of Engineering"

8) true

false

9) true

false

10) s1 = Hello

s2 = Hello

Hello equals Hello \rightarrow true

Hello ~~is~~ == Hello \rightarrow false

11) apple, ball, cat, dog, cat, free, gun, hen, jug, kite, lift, man, net, orange, parrot, queen, ring, star, tree, umbrella, van, watch, xmas, yacht, zoo

12) sorted number : [1, 2, 3, 4, 5, 6, 7, 8, 9, 10]

13) Kunal was a test. Kunal was too

14) hello world

15) Commence

16) Hello Friend

17) enter the no. of students : 3

enter the name : Rushika. V

enter the seqno : 456

enter the cgha : 9.4

enter the name : abc

enter the seqno : 123

enter the cgha : 8.6

sorted by cgha :

name : abc seqno : 123 cgha : 8.6

name : Rushika. V seqno : 456 cgha : 9.4

18) strlen: Hello

char At index 1 : e

After strchr At : Hello

getchars: Hello

After append: Hello How are you?

After insert: Hello How awesome are you?

After delete: Hello How are you

After deletechar At: ello How are you?

After replace: Hola how are you?