④ Using getchars (), extract Bmsce from " welcome to Bmsce college"

```
public class Main {
    public static void main (String[] args) {
        String str = " welcome to Bmsce college";
        char [] chars = new char[6];
        str. getchars (11, 16, chars, 0);
        String bmsce = new String( chars);
        System.out.println (bmsce);
```

O/p → Bmsce.

⑧ Demonstrate startwith () to give output true & false

```
public class Main {
    public static void main (String [] args) {
        String str = " welcome to Bmsce college";
        boolean startwith Bmsce = str. startwith (" Bmsce");
        System.out.println( stratswith Bmsce);

        String str = " Bmsce college welcome you";
        boolean startwith Bomsce 2 = str2. startwith
                  ("BMSce");
        System.out.println ( starts with Bmsce2);
    }
}
```

O/p

~~true~~

false

true.

19)

```
public class Main {
    public static void main (String[] args) {
        String Test. "test String";
        String pattern = "H";
        System.out.println (test. starts with (pattern));
        pattern."est";
        System.out.println (Test. startswith(pattern));
    }
}
```

19)

```
abstract class Bird {
    abstract void fly();
    abstract void makesound();

class Eagles extends Birds {
    void fly() {
        System.out.println (" Eagle flying soars in Sky");

    void makssound() {
        System.out.println (" Eagle screeches");
    }
}

class Hauk extends Bird {
    void fly() {
        System.out.println (" Hauk flying glides silently");
```

```java
void makesound () {
    System.out.println (" Hawk caws ");

public class Main {
    public static void main (String[] args) {
        Bird eagle = new Eagle ();
        eagle.fly ();
        eagle.makesound ();

        Bird hawk = new Hawk ();
        hawk.fly ();
        hawk.makesound ();
```

o/p

~~Eagle is flying high~~
~~Eagle is making a screeching sound~~
~~Hawk is flying~~

op.

Eagle flying in sky
Eagle screeches

Hawk flyings silently
Hawk caws.

16/11/24