1. Write a Java program to get the character at the given index within the String.

Harshitha SV

**package** hello;

**import** java.util.Scanner;

**public** **class** character {

**public** **static** **void** main(String[] args) {

Scanner sc = **new** Scanner(System.***in***);

System.***out***.println("Enter the string: ");

String str = sc.next();

System.***out***.println("Enter the index of the character: ");

**byte** index = sc.nextByte();

**int** index1 = str.charAt(index);

System.***out***.println("The character at position"+index+" is " +

(**char**)index1);

}

}

2)Write a Java program to convert all the words first letter into capital for given String? (String s=”java standard edition”)

**public** **class** capital {

**public** **static** **void** main(String[] args) {

System.***out***.println("java standard edition");

System.***out***.println(*capital*("java standard edition"));

}

**public** **static** String capital(String str){

String words[]=str.split("\\s");

String capitalizeWord="";

**for**(String w:words){

String first=w.substring(0,1);

String afterfirst=w.substring(1);

capitalizeWord+=first.toUpperCase()+afterfirst+" ";

}

**return** capitalizeWord.trim();

}

}

3)Write a Java program to test if a given string contains the specified sequence of char values….match()

**public** **class** contain {

**public** **static** **void** main(String[] args) {

String str1 = "good morning! Have a great day";

String str2 = "Have";

System.***out***.println("Original String: " + str1);

System.***out***.println("char value: " + str2);

System.***out***.println(str1.contains(str2));

}

}

4) Write a Java program to check whether a given string ends with the contents of another string

**public** **class** end {

**public** **static** **void** main(String[] args) {

String s1="Have a nice day";

System.***out***.println(s1);

System.***out***.println("Lets check for 'day'");

System.***out***.println(s1.endsWith("day"));

System.***out***.println("Lets check for 'd'");

System.***out***.println(s1.endsWith("y"));

}

}

5)Count the number of words present in the given string?

**public** **class** present {

**public** **static** **void** main(String[] args) {

String str= "good moring , how are you";

System.***out***.println(str);

System.***out***.println(*wordcount*(str) + " words.");

}

**static** **int** wordcount(String a)

{

**int** count=0;

**char** ch[]= **new** **char**[a.length()];

**for**(**int** i=0;i<a.length();i++)

{

ch[i]= a.charAt(i);

**if**( ((i>0)&&(ch[i]!=' ')&&(ch[i-1]==' ')) || ((ch[0]!=' ')&&(i==0)) )

count++;

}

**return** count;

}

}

6) Print the capital letters from string?

**public** **class** capital {

**public** **static** **void** main(String[] args) {

String str = "My Name Is Harshitha SV";

System.***out***.println(str);

**for**(**int** i = 0; i < str.length(); i++) {

**if**(Character.*isUpperCase*(str.charAt(i))) {

System.***out***.print(str.charAt(i)+" ");

}

}

}

}

7)Convert the second occurrence of ‘ l ’ into capital from “bvrit college”.

**public** **class** capital {

**public** **static** **void** main(String[] args) {

String str = "bvrit college";

System.***out***.println(str);

**int** index =str.indexOf("l", str.indexOf("l") + 1);

String result=str.substring(0,index)+str.substring(index,index+1).toUpperCase()+str.substring(index+1);

System.***out***.println(result);

}

}

8)Convert the word from small letter to capital letter word in given String ?

String s =”b.v.raju college” //convert raju into capital.

**public** **class** capital {

**public** **static** **void** main(String[] args) {

String str1 = "b.v.raju college";

System.***out***.println(str1);

String str2 = "raju";

**if**(str1.contains(str2)) {

String replaceString=str1.replaceAll("raju",str2.toUpperCase());

System.***out***.println(replaceString);

}

}

}