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| **Python** | **Javascript** | **Java** |
| print("Hello, world") | console.log("Hello, world") | System.out.println("Hello, world"); |
| a=5  print(type(a)) | let a = 5  console.log(typeof a) | int a = 5; System.out.println(a.getClass().getName()); |
| my\_string="My name is Nikita"  print(my\_string[3]) | let my\_string = "My name is Nikita"  console.log(my\_string[3]) | String myString = "My name is Nikita";  char charAtIndex3 = myString.charAt(3);  System.out.println(charAtIndex3); |
| my\_string = "My name is Nikita"  print(len(my\_string)) | let my\_string = "My name is Nikita"  console.log(my\_string.length) | String myString = "My name is Nikita";  int length = myString.length();  System.out.println(length); |
| my\_string2="I am krishnendu"  print(my\_string2.replace('k','x')) | let my\_string2 = "I am krishnendu"  console.log(my\_string2.replace('k', 'x')) | String myString2 = "I am krishnendu";  String replacedString = myString2.replace('k', 'x');  System.out.println(replacedString); |
| s1="This is classroom"  print(s1.find('classroom')) | let s1 = "This is classroom"  console.log(s1.indexOf('classroom')) | String s1 = "This is classroom";  int index = s1.indexOf("classroom");  System.out.println(index); |
| students=100000  print("Nielit has ", students, " no. of students")  print("Nielit has "+ str(students)+ " no. of students") | let students = 100000  console.log("Nielit has " + students + " no. of students")  console.log(`Nielit has ${students} no. of students`) | int students = 100000;  System.out.println("Nielit has " + students + " no. of students"); |
| a="nielit"  b="good"  print(f"Greetings from {a}, have a {b} day") | let a = "nielit"  let b = "good"  console.log(`Greetings from ${a}, Have a ${b} day`) | String a = "nielit";  String b = "good";  System.out.println(String.format("Greetings from %s, have a %s day", a, b)); |
| text="krishnendu"  print(text[4:9])  print(text[0:3]) | let text = "krishnendu"  console.log(text.substring(4, 9))  console.log(text.slice(0, 3)) | String text = "krishnendu";  System.out.println(text.substring(4, 9));  System.out.println(text.substring(0, 3)); |
| text="the quick brown fox"  print(text.split(" ")) | let text = "the quick brown fox"  console.log(text.split(" ")) | String text = "the quick brown fox";  String[] words = text.split(" "); |
| text="apple"  print(text[-1])  print(text[-2])  print(text[-3])  print(text[-4])  print(text[-5]) | let text = "apple"  console.log(text[text.length - 1]) console.log(text[text.length - 2]) console.log(text[text.length - 3]) console.log(text[text.length - 4]) console.log(text[text.length - 5]) | String text = "apple"; System.out.println(text.charAt(text.length() - 1)); System.out.println(text.charAt(text.length() - 2)); System.out.println(text.charAt(text.length() - 3)); System.out.println(text.charAt(text.length() - 4)); System.out.println(text.charAt(text.length() - 5)); |
| if (8>5) and (10>3):  print("good")  else:  print("bad") | if (8 > 5 && 10 > 3) {  console.log("good")  } else {  console.log("bad")  } | if (8 > 5 && 10 > 3) { System.out.println("good");  }  else {  System.out.println("bad");  } |
| if 9==8:  print(8)  elif 8==8:  print(8)  else:  print(9999) | if (9 === 8) {  console.log(8)  } else if (8 === 8) {  console.log(8)  } else {  console.log(9999)  } | if (9 == 8) {  System.out.println(8);  }  else if (8 == 8) {  System.out.println(8);  }  else {  System.out.println(9999);  } |
| dict={  "brand":"ford",  "model": "mustang",  "year": 1964,  "me":[1,2,3]  }  print(dict)  print(dict["year"])  print(dict.keys())  dict["color"]="white"  print(dict)  del dict["me"] | let dict = {  "brand": "ford",  "model": "mustang",  "year": 1964,  "me": [1, 2, 3]  }  console.log(dict)  console.log(dict["year"])  for (let key in dict) {  console.log(key)  }  dict["color"] = "white"  console.log(dict)  delete dict["me"]  console.log(dict) | Map<String, Object> dict = new HashMap<>();  dict.put("brand", "ford");  dict.put("model", "mustang");  dict.put("year", 1964);  dict.put("me", new int[]{1, 2, 3});  System.out.println(dict);  System.out.println(dict.get("year"));  System.out.println(dict.keySet());  dict.put("color", "white");  System.out.println(dict);  dict.remove("me");  System.out.println(dict); |
| i=1  while i<6:  print(i)  i+=1 | let i = 1  while (i < 6) {  console.log(i)  i++  } | int i = 1;  while (i < 6) {  System.out.println(i);  i++;  } |
| for i in range(3,5):  print(i) | for (let i = 3 i < 5 i++) {  console.log(i)  } | for (int i = 3; i < 5; i++) {  System.out.println(i);  } |
| for i in range(3,10,2):  print(i) | for (let i = 3 i < 10 i =i+2) {  console.log(i)  } | for (int i = 3; i < 10; i += 2) {  System.out.println(i);  } |
| languages=['spaninsh','english','hindi']  for i in languages:  print(i) | let languages = ['spanish', 'english', 'hindi']  for (let i = 0 i < languages.length i++) {  console.log(languages[i])  } | String[] languages = {"spanish", "english", "hindi"};  for (String lan : languages) { System.out.println(lan);  } |
| def myFunction (mylist):  print("hi")  return mylist  res= myFunction ([1,2,3])  print(res) | function myFunction(myArray) {  console.log('hi')  return myArray;  }  let res = myFunction([1, 2, 3]);  console.log(res); | public static List<Integer> myFunction(int[] myArray) {  System.out.println('hi');  List<Integer> myList = new ArrayList<>();  for (int num : myArray) {  myList.add(num);  }  return myList;  }  List<Integer> res = myFunction(new int[]{1, 2, 3});  System.out.println(res); |