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| Q. Sum of the natural number:  int sum = 0;  for(int i = 1; i<=1000; i++) {  sum = sum+i;}  System.*out*.println("The sum is:"+sum); | |
| Q. Average of two numbers:  **public float avgTwoNumber (float num1, float num2) {**  **float avg = (num1+num2)/2.0f;**  **return avg;}**  **public static void main(String[] args) {**  **Scanner scanner = new Scanner(System.*in*);**  **System.*out*.print("Enter your first number :");**  **float num1 = scanner.nextFloat();**  **System.*out*.print("Enter your second number :");**  **float num2 = scanner.nextFloat();**  **float average = new AverageTwoNum().avgTwoNumber(num1, num2); System.*out*.println(average);}** | |
| Q. Find the Multiplication:  **public void multiplication(int num) {**  **for (int i = 0; i <= 10; i++) {**  **System.*out*.print(" "+num\*i);}}**  **public static void main(String[] args) {**  **Scanner sc = new Scanner(System.*in*);**  **System.*out*.println("Enter the number :");**  **int num = sc.nextInt();**  **new Multiplication().multiplication(num);}** | |
| **Q. Display the numbers with 5 GAP**  **DisplayNumber obj = new DisplayNumber();**  **obj.backwardCounter();}**  **public void backwardCounter() {**  **for (int i = 100; i >= 0; i = i - 5) {**  **System.*out*.println(i);}}** | |
| Q. Pyramid  **int i, j;**  **for (i = 1; i <= 8; i++) {**  **for (j = 1; j <= i; j++) {**  **System.*out*.print("\*");}**  **System.*out*.println();}** | Q. Pyramid Reverse  **int i, j;**  **for (i = 1; i <= 8; i++) {**  **for (j = 8; j >= i; j--) {**  **System.*out*.print("\*");}**  **System.*out*.println();}** |

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| **public class TwoNumberReturnMax** {  **public** **int** maxTwo(**int** num1, **int** num2) {  **int** max = num1;  **if** (num1<num2) {  max = num2;  } **else** {  max = num1;  }**return** max;}  **public** **static** **void** main(String[] args) {  Scanner sc = **new** Scanner(System.***in***);  System.***out***.println("Enter the 1st number : ");  **int** num1 = sc.nextInt();  System.***out***.println("Enter the 2nd number :");  **int** num2 = sc.nextInt();  **int** max = **new** TwoNumberReturnMax().maxTwo(num1, num2);  System.***out***.println("Max is "+max);}} |
| **public** **class** TwoNumberReturnMin {  **public** **int** minTwo(**int** num1, **int** num2) {  **int** min = num1;  **if** (num1>num2) {  min = num2;  } **else** {  min = num1;  }**return** min;}  **public** **static** **void** main(String[] args) {  Scanner sc = **new** Scanner(System.***in***);  System.***out***.println("Enter the 1st number : ");  **int** num1 = sc.nextInt();  System.***out***.println("Enter the 2nd number :");  **int** num2 = sc.nextInt();  **int** min = **new** TwoNumberReturnMin().minTwo(num1, num2);  System.***out***.println("Min is "+min);}} |
| **Q. Write a method that uses a while loop. This method would replace every vowel in the String with X.**  **public** String replaceVowel(String str) {  String replacedString = "";  **int** i = 0;  **while** (i < str.length()) {  **if** (str.charAt(i) == ('a') || str.charAt(i) == ('e') ||  str.charAt(i) == ('i') || str.charAt(i) == ('o')  || str.charAt(i) == ('u')) {  replacedString += 'x';  } **else** {  replacedString += str.charAt(i);  }i++;  }**return** replacedString;}  **public** **static** **void** main(String[] args) {  String s = "Java is fun";  ReplaceVowel obj = **new** ReplaceVowel();  System.***out***.println(obj.replaceVowel(s));} |