VITOR HUGO DE SOUZA SIERRO – D29DEG4 – CC3P41

1. C
2. C
3. A
4. E
5. D
6. E

**PROJ-EXPROP-EDH-01:**

**package** aula01;

**import** java.util.Scanner;

**public** **class** aula01 {

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

**double** array[] = {1.5,2,3,4,5,6,7,8,9,10,11,12,13,14,15};

**double** array2[] = **new** **double**[15];

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

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

array2[a] = array [a] \* array[a];

System.***out***.println("O valor do array2 é " +array2[a]);

}

entrada.close();

}

}

**PROJ-EXPROP-EDH-02:**

**package** aula02;

**import** java.util.Scanner;

**public** **class** aula02 {

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

**double** array[] = **new** **double**[15];

**double** array2[] = **new** **double**[15];

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

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

System.***out***.println("Digite um valor ");

array [a] = entrada.nextDouble();

}

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

array2[a] = array [a] \* array[a];

System.***out***.println("O valor do array2 é " +array2[a]);

}

entrada.close();

}

}

**PROJ-EXPROP-EDH-03:**

**package** aula03;

**import** java.util.Scanner;

**public** **class** aula03 {

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

**double** array[] = {2.25,4,9,16,25,36,49,64,81,100,121,144,169,196,225};

**double** array2[] = **new** **double**[15];

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

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

array2[a] = Math.*sqrt*(array[a]);

System.***out***.println("O valor do array2 é " +array2[a]);

}

entrada.close();

}

}

**PROJ-EXPROP-EDH-04:**

**package** aula04;

**public** **class** aula04 {

**static** **double** *nota*[] = **new** **double** [15];

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

**float** nota[] = {10,5,6,7,8,9,2,4,6,3,3,10,5,6,8};

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

System.***out***.println("O aluno [" + a + "] e sua nota foi " + nota[a] + " a nota da sua turma foi " + *getMediaTotal*(nota) );

}

}

**private** **static** **float** getMediaTotal(**float** nota[]){

**float** total = 0;

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

total += nota[a];

}

**return** total / nota.length;

}

}

**PROJ-EXPROP-EDH-05:**

**package** aula05;

**import** java.util.Scanner;

**public** **class** aula05 {

**static** **double** *nota*[] = **new** **double** [15];

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

**float** nota[] = **new** **float** [15];

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

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

System.***out***.println("Digite o valor do aluno[" + a + "] ");

nota[a] = entrada.nextFloat();

}

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

System.***out***.println("O aluno [" + a + "] e sua nota foi " + nota[a] + " a nota da sua turma foi " + *getMediaTotal*(nota) );

}

entrada.close();

}

**private** **static** **float** getMediaTotal(**float** nota[]){

**float** total = 0;

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

total += nota[a];

}

**return** total / nota.length;

}

}

**PROJ-EXPROP-EDH-06:**

**package** aula06;

**public** **class** aula06 {

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

**double** VetorA []= {4,9,16,25,36,49,64,81,100,121,144,169,196,225,16,32,95,56,48,30};

**double** VetorB [] = **new** **double**[20];

**double** VetorC [] = **new** **double**[20];

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

**if** (VetorA[a] % 2 == 0){

VetorB[a] = VetorA[a];

}**else**{

VetorC[a] = VetorA[a];

}

System.***out***.println("O Vetor A são " + VetorA[a]);

**if**(VetorB[a] != 0.0)

{

System.***out***.println("O Vetor B são " + VetorB[a]);

}

**if**(VetorC[a] != 0.0)

{

System.***out***.println("O Vetor C são " + VetorC[a]);

}

}

}

}