**QUESTION\_1**

**package** assignment\_2;

**import** java.util.Scanner;

**public** **class** Q\_1 {

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

**for**(**int** i=0;i<=10;i++)

{

**for**(**int** j=0;j<=i;j++)

{

System.***out***.print("\*");

}

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

}

}

}

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**QUESTION\_2**

**package** assignment\_2;

**import** java.util.Scanner;

**public** **class** Q\_2 {

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

**for**(**int** i=0;i<=10;i++) {

**for**(**int** j=0;j<=i;j++) {

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

}

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

}

}}

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**QUESTION\_3**

**package** assignment\_2;

**import** java.util.Scanner;

**public** **class** Q\_3 {

**static** **int** *no1*,*no2*,*no3*,*no4*,*n05*;

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

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

System.***out***.println("Enter the number1 :");

**int** no1 = sc.nextInt();

System.***out***.println("Enter the number2 :");

**int** no2 = sc.nextInt();

System.***out***.println("Enter the number3 :");

**int** no3 = sc.nextInt();

System.***out***.println("Enter the number4 :");

**int** no4 = sc.nextInt();

System.***out***.println("Enter the number5 :");

**int** no5 = sc.nextInt();

**if**(no1>no2&&no1>no3&&no1>no4&&no1>no5)

{

System.***out***.println(" number1 is greater among all five "+no1);

}

**else** **if**(no2>no1&&no2>no3&&no2>no4&&no2>no5)

{

System.***out***.println(" number2 is greater among all five "+no2);

}

**else** **if**(no3>no1&&no3>no2&&no3>no4&&no3>no5)

{

System.***out***.println(" number3 is greater among all five "+no3);

}

**else** **if**(no4>no1&&no4>no2&&no4>no3&&no4>no5)

{

System.***out***.println(" number4 is greater among all five "+no4);

}

**else** **if**(no5>no1&&no5>no2&&no5>no4&&no3<no5)

{

System.***out***.println(" number5 is greater among all five "+no5);

}

}

}

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**QUESTION\_4**

**package** assignment\_2;

**import** java.util.Scanner;

**public** **class** Q\_4 {

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

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

String name[]=**new** String[5];

**long** number[]=**new** **long**[5];

**int** age[]=**new** **int**[5];

System.***out***.println("Enter the details");

**for**(**int** i=0;i<5;i++) {

System.***out***.println("Enter the name");

name[i]=sc.next();

System.***out***.println("Enter the number");

number[i]=sc.nextLong();

System.***out***.println("Enter the age ");

age[i]=sc.nextInt();

}

System.***out***.println("Displaying the details");

**for**(**int** i=0;i<5;i++) {

System.***out***.println("Details of the members are\r ");

System.***out***.println("name = "+name[i]+"number = "+number[i]+"age = "+age[i]);

}

}

}

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**QUESTION\_5**

**package** assignment\_2;

**import** java.util.Scanner;

**public** **class** Q\_5 {

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

**int** n, max;

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

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

n = s.nextInt();

**int** a[] = **new** **int**[n];

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

**for**(**int** i = 0; i < n; i++)

{

a[i] = s.nextInt(); // code to enter the number

}

max = a[0];

**for**(**int** i = 0; i < n; i++)

{

**if**(max < a[i])

{

max = a[i];

}

}

System.***out***.println("Maximum value:"+max);

}

}

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**QUESTION\_6**

**package** assignment\_2;

**public** **class** Q\_6 {

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

**char** alpha='A';

**int** i,j,n=5;

**for**(i=1;i<=n;i++) {

alpha='A';

**for**(j=1;j<=i;j++) {

System.***out***.print(alpha +" ");

alpha++;

}

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

}

}

}