Day3\_Assignmnent\_Answers:

1. package day3\_assignment;

public class Employee {

int id;

String name;

double sal;

static String *company*="Wipro";

void display\_details(int id,String name,double sal) {

System.***out***.println(id+"\t"+name+"\t"+sal+"\t"+*company*);

}

public static void main(String[] args) {

// **TODO** Auto-generated method stub

Employee emp=new Employee();

System.***out***.println("Id"+"\t"+"Name "+"\t"+"Salary "+"\t"+"Company");

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

emp.display\_details(101,"Swapna", 50000.0);

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

emp.display\_details(102,"Jyoshna", 80000.0);

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

emp.display\_details(103,"Spandana", 90000.0);

}

}

Output:

Id Name Salary Company

--------------------------------------------------------

101 Swapna 50000.0 Wipro

--------------------------------------------------------

102 Jyoshna 80000.0 Wipro

--------------------------------------------------------

103 Spandana 90000.0 Wipro

2. package day3\_assignment;

public class even\_odd\_array {

public static void main(String[] args) {

int[] arr= {1,2,3,4,5};

int even\_c=0;

int odd\_c=0;

for(int b:arr) {

if(b%2==0) {

even\_c++;

}

else {

odd\_c++;

}

}

System.***out***.println("even count: "+even\_c);

System.***out***.println("odd count: "+odd\_c);

}

}

Output:

even count: 2

odd count: 3

3. package day3\_assignment;

public class max\_min\_array {

public static void main(String[] args) {

// **TODO** Auto-generated method stub

int[] arr= {1,2,3,6,4};

int max=arr[0];

int min=arr[0];

for(int a:arr) {

if(a>max) {

max=a;

}

}

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

for(int b:arr) {

if(b<min) {

min=b;

}

}

System.***out***.println("Minimum ele: "+min);

}

}

Output:

Maximum ele: 6

Minimum ele: 1

4. package day3\_assignment;

public class Rectangle {

public static void main(String[] args) {

int length=20;

int width=30;

int area=length\*width;

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

}

}

Output:600

5. package day3\_assignment;

public class simple\_interest {

public static void main(String[] args) {

int price=1000;

double time=3;

int rate=2;

double s\_interest=(price\*time\*rate)/100;

System.***out***.println(s\_interest);

}

}

Output:

60.0

6. package day3\_assignment;

public class sum\_array {

public static void main(String[] args) {

int[] arr= {1,2,3,4};

int sum=0;

for(int b:arr) {

sum=sum+b;

}

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

}

}

Output:

10

7. package day3\_assignment;

public class Swap {

public static void main(String[] args) {

int a=20;

int b=30;

int temp=0;

temp=a;

a=b;

b=temp;

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

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

}

}

Output:

30

20

8. package day3\_assignment;

public class Vowel\_count {

public static void main(String[] args) {

String s="Hello";

int c=0;

s=s.toLowerCase();

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

char ch=s.charAt(i);

if(ch=='a'||ch=='e'||ch=='o'||ch=='i'||ch=='u') {

c++;

}

}

System.***out***.println("Vowels count : "+c);

}

}

Output:

Vowels count : 2

9. package assignments;

public class fibbo {

public static void main(String[] args) {

int a1=0;

int a2=1;

int sum=0;

int n=10;

int i=1;

while(i<=n) {

System.***out***.print(a1+" ");

sum=a1+a2;

a1=a2;

a2=sum;

i++;

}

}

}

Output:

0 1 1 2 3 5 8 13 21 34

10. package assignments;

public class palind\_num {

public static void main(String[] args) {

int n=12321;

int n1=n;

int rev=0;

int d=0;

while(n!=0) {

d=n%10;

rev=(rev\*10)+d;

n=n/10;

}

if(n1==rev) {

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

}

else {

System.***out***.println("Not Palindrome");

}

}

}

Output:Palindrome

11. package assignments;

public class Pyramid {

public static void main(String[] args) {

int rows=5;

for (int i = 0; i < rows; i++) {

for (int sp = 0; sp < rows - i - 1; sp++) {

System.out.print(" ");

}

for (int st = 0; st <= i; st++) {

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

}

System.out.println();

}

}

}

Output:

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12. package assignments;

public class sum\_50 {

public static void main(String[] args) {

int sum=0;

for(int i=1;i<=50;i++) {

sum=sum+i;

}

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

}

}

Output:

1275