

b- Right left Up Down

public class Main

49. write a program to convert decimal
number to binary number to octal number;

int dec = 15;

String bin = Integer.toBinaryString(dec);

String out = Integer.toOctalString(dec);

System.out.println("binary number = " + bin);

3
System.out.println("octal number = " + out);

50. In an organisation they decide to give
5% all the employee year. As % salary
Calculate the salary that be to give employee
will get.

input java.util.Scanner

public Employee year()

public binary float calcSalary (float age[])

Scanner input = new Scanner (System.in),

int a, b;

System.out.println("Employee file");

Q. write a program to print the total amount available in the condition applied -

$$\text{int } n_1 = 500 \text{ d}_1 = 100 \text{ } n_2 = 100 \text{ d}_2 = 20 \text{ } n_3 = 32 \text{ } n_4 = 2000$$

$$\text{int } n = 1; \text{ d} = 1;$$

$$\text{net total} = (n_1 \times d_1) + (n_2 \times d_2) + (n_3 \times d_3) + (n \times d_4)$$

system.out.print("total available balance is " + net total);

int n = 1; n = 3;

int min = arr[n-1];

int max = arr[0] - min;

system.out.print("total available balance is " + net total);

Q. write a program using char to create

Core 1; Create string in palindrome one's

Core 2; Create string in palindrome or not

string s₁ = "MADAM";

string s₂ = " ";

int len = s₁.length();

for (int i = len - 1; i >= 0; i--) {

 s₂ = s₂ + s₁.charAt(i);

if (s₁ == s₂) {

 system.out.print("palindrome");

 system.out.print("Not palindrome");

50. In
and
Calculate
will get

```
int i <= 0;  
for (int j = 1; j < arr[i]; j++)
```

```
{  
    if (arr[i] % j == 0)
```

```
i++;
```

```
if (i > arr[i]):
```

```
    cout <<
```

```
else
```

```
    cout <<
```

```
        "Composite number: " + arr[i];
```

```
System.out.print ("In prime numbers: " + i);
```

Ques. Find the n^{th} maximum number and n^{th} minimum number in array. Find the sum of difference of it.

```
int arr[] = {12, 15, 87, 36, 25, 89, 34};
```

```
int len = arr.length;
```

```
for (int j = 0; j < len; j++) {
```

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

```
        if (arr[j] < arr[i]) {
```

```
            int temp = arr[i];
```

```
            arr[i] = arr[j];
```

```
            arr[j] = temp; }
```

```
System.out.print ("The " + n + "th Max number = " + arr[n]);
```

```
System.out.print ("The " + n + "th Min number = " + arr[n]);
```

class \sqrt{n} = math.sqrt(n);
System.out.print(\sqrt{n} + " + \sqrt{n});

44. write a program to print in while pyramid pattern:

Scanner input = new Scanner(System.in);

int n = input.nextInt();

for (int i=n; i>=1; i--) {

{ for (int j=0; j<n; j++) {

{

System.out.print(" ");

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

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

{

System.out.println();

45. write a program. all the prime and
non-prime number user input;

int arr[] = {4, 5, 29, 71, 7, 57, 98, 23};

int con = 0, pri = 0;

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

{

42. write a program to find the sum of digits of n digit number (sum should be single digit)

Scanner input = new Scanner (System.in);

int n = input.nextInt();

int sum = 0;

while ($n \neq 0$)

{

int rem = n % 10;

sum = sum + rem;

n = n / 10;

System.out.print (n / sum);

System.out.print (" " + sum);

43. write a program to find the square root of a perfect square number both the positive max value.

import java.util.Scanner;

import java.lang.Math;

public class Alc

{

public static void main (String args[]);

{

Scanner input = new Scanner (System.in);

class int n = input.nextInt();

class sqrt = Math.sqrt (n * n);

2/8/24 Assignment - 5 Sudharshan
41. write a program to find the sum of digits
of a digit number (sum should be single digit)
import java.util.Scanner;

public class sumofdigit {

{
Scanner input = new Scanner (System.in);

int n = input.nextInt();

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

{
if (i == 0 || i == n - 1)

for (int j = 0; j < n; j++)

{
if (i == 0 || j == 0 || i == n - 1 || j == n - 1)

System.out.print ("*");

else

System.out.print (" ");

System.out.print ("*");

}