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|  | **DAILY ONLINE ACTIVITIES SUMMARY**   |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **Date:** | **23/06/2020** | | | | | **Name:** | **Albin Francis** | | | **Sem & Sec** | **8th sem,A** | | | | | **USN:** | **4AL16CS008** | | | **Online Test Summary** | | | | | | | | | | **Subject** | | **-** | | | | | | | | **Max. Marks** | | **-** | | **Score** | | | **-** | | | **Certification Course Summary** | | | | | | | | | | **Course** | **INTRODUCTION TO FULL STACK DEVELOPMENT** | | | | | | | | | **Certificate Provider** | | | **Great Learning**  **Academy** | | **Duration** | | | **8hr** | | **Coding Challenges** | | | | | | | | | | **Problem Statement:** **Program to rotate bits of number in python.** | | | | | | | | | | **Status: Solved** | | | | | | | | | | **Uploaded the report in Github** | | | | | **Yes** | | | | | **If yes Repository name** | | | | | **albinfrancis008** | | | | | **Uploaded the report in slack** | | | | | **Yes** | | | |   Online Test Details: (Attach the snapshot and briefly write the report for the same)  Certification Course Details: (Attach the snapshot and briefly write the report for the same    Coding Challenges Details: (Attach the snapshot and briefly write the report for the same) |
|  |  |

/\*Program to convert binary number to decimal.\*/

public class BinaryDecimal {

public static void main(String[] args) {

long num = 110110111;

int decimal = convertBinaryToDecimal(num);

System.out.printf("%d in binary = %d in decimal", num, decimal);

}

public static int convertBinaryToDecimal(long num)

{

int decimalNumber = 0, i = 0;

long remainder;

while (num != 0)

{

remainder = num % 10;

num /= 10;

decimalNumber += remainder \* Math.pow(2, i);

++i;

}

return decimalNumber;

}

}

OUTPUT:

110110111 in binary = 439 in decimal