SWARANJANA NAYAK

19BCE0977

Q2. PROGRAM

#include <stdio.h>

#include <stdlib.h>

#define N 10

int main()

{

int a[N][N];

int i, j, m = 2, n = 2, status, flag;

printf("\n\n------- MATRIX A (2 x 2) -------\n");

// Taking input for matrix A + validation

do {

for(i = 0; i < m; i++)

{

printf("Enter row %d: ", i+1);

flag = 1;

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

{

status = scanf("%d", &a[i][j]);

if(status == 0)

{

flag = 0;

break;

}

}

if(flag == 0)

{

printf("Invalid entry!\n");

fflush(stdin);

break;

}

}

}while(flag == 0);

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

{

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

{

if(a[i][j]%2 == 0)

{

a[i][j] = 3;

}

}

}

printf("\n\n------- MATRIX A result -------\n");

for(i = 0; i < m; i++)

{

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

{

printf(" %d", a[i][j]);

}

printf("\n");

}

return 0;

}

OUTPUT:

