Question 1

```
134    int main(){
135        int arr1[][3] = {{1,2,3},{4,5,6},{7,8,9}};
136        int arr2[][3] = {{10,2,3},{4,5,6},{7,8,9}};
137        equality_matrix(arr1,arr2,3,3);
138
139        int arr3[][3] = {{1,2,3},{4,5,6},{7,8,9}};
140        equality_matrix(arr1,arr3,3,3);
141
142    }
```

```
PS C:\IIITS ASSIGNMENTS\cp lab9> cd "c:\IIITS ASSIGNMENTS\cp lab9\" ; if ($?) { gcc S20230010193.c -o S20230010193 } ; if ($?)
{ .\S20230010193 }
Not Equal
1 4 7
2 5 8
3 6 9
Matrix Equal
0 2 3
4 0 6
7 8 0
PS C:\IIITS ASSIGNMENTS\cp lab9>
```

Question 2

```
140    int main(){
141        int arr[] = {51,33,44,55,66,77,88,99};
142        printarray(arr,8);
143        printf("\n");
144        printf("max:%d\n",findMax(arr,8,0));
145        printf("min:%d",findMin(arr,8,0));
146    }
```

```
PS C:\IIITS ASSIGNMENTS\cp lab9> cd "c:\IIITS ASSIGNMENTS\cp lab9\" ; if ($?) { gcc S20230010193.c -o S20230010193 } ; if ($?)
{ .\S20230010193 }
99 88 77 66 55 44 33 51
max:99
min:33
PS C:\IIITS ASSIGNMENTS\cp lab9>
```

Question 3

```
140    int main(){
141        printf("%d",gcd(18,24));
142    }
```

```
PS C:\IIITS ASSIGNMENTS\cp lab9> cd "c:\IIITS ASSIGNMENTS\cp lab9\" ; if ($?) { gcc S20230010193.c -o S20230010193 } ; if ($?)
{ .\S20230010193 }
6
PS C:\IIITS ASSIGNMENTS\cp lab9>
```

Question 4

```
139    int main(){
140        char str[]="Purval Madhukar Bhude";
141        char encode[100],decode[100];
142        encodestring(str,encode);
143        printf("encoded : %s\n",encode);
144        decodestring(encode,decode);
145        printf("decoded : %s",decode);
146    }
```

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL   PORTS

```
PS C:\IIITS ASSIGNMENTS\cp lab9> cd "c:\IIITS ASSIGNMENTS\cp lab9\" ; if ($?) { gcc S20230010193.c -o S20230010193 } ; if ($?)
{ .\S20230010193 }
encoded : P0u0r0v0a0l0 0M0a0d0h0u0k0a0r0 0B0h0u0d0e0
decoded : Purval Madhukar Bhude
PS C:\IIITS ASSIGNMENTS\cp lab9>
```

Question 5

```
120    int main(){
121        char str[] = "Purval";
122        int n=3;
123        divideString(str,n,0,6);
124    }
```

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL   PORTS

```
PS C:\IIITS ASSIGNMENTS\cp lab9> cd "c:\IIITS ASSIGNMENTS\cp lab9\" ; if ($?) { gcc S20230010193.c -o S20230010193 } ; if ($?)
{ .\S20230010193 }
Pu
rv
al
PS C:\IIITS ASSIGNMENTS\cp lab9>
```