

NAME :SAMEER

ROLL NO:23K-5535

SECTION:BCS2D

LAB TASK=01

```
#include <stdio.h>
```

```
int main(){
```

```
int n;
```

```
int i,j;
```

```
printf("enter the number :");
```

```
scanf("%d",&n);
```

```
for(i=1;i<=n;i++){
```

```
    for(j=1;j<=n;j++){
```

```
        printf("* ");
```

```
    }
```

```
    printf("\n");
```

```
}
```

```
return 0;
```

```
}
```

ch

```
enter the number :5
```

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```
Process exited after 29.52 seconds with return value 0
```

```
Process exited after 29.52 seconds with return value 0
```

```
Press any key to continue . . .
```

Q2:

```
#include <stdio.h>
```

```
int main()
```

```
{
```

```
    int i, j, num;
```

```
    printf("Enter number of rows: ");
```

```
    scanf("%d", &num);
```

```
    for( i=1; i <= num; i++)
```

```
    {
```

```
        for(j = 1; j <= num; j++)
```

```
        {
```

```
            if(i == 1 || i == num || j == 1 || j == num)
```

```
            {
```

```
                printf("*");
```

```
            }
```

```
        else
```

```
        {
```

```
            printf(" ");
```

```
        }
```

```
    }
```

```
    printf("\n");
```

```
}
```

```
return 0;
```

```
}
```

```
Enter number of rows: 5
```

```
*****
```

```
*   *
```

```
*   *
```

```
*   *
```

```
*****
```

```
-----  
Process exited after 11.79 seconds with return value 0  
Press any key to continue . . .
```

Q1:

```
#include <stdio.h>
```

```
int main() {
```

```
    int n, i, j, result;
```

```
    printf("Enter the number");
```

```
    scanf("%d", &n);
```

```
    for (i = 2; i <= n; i++) {
```

```
        result = 1;
```

```
    for (j = 2; j <= i / 2; j++) {
```

```
        if (i % j == 0) {
```

```
            result = 0;
```

```
            break;
```

```
        }
```

```
    }
```

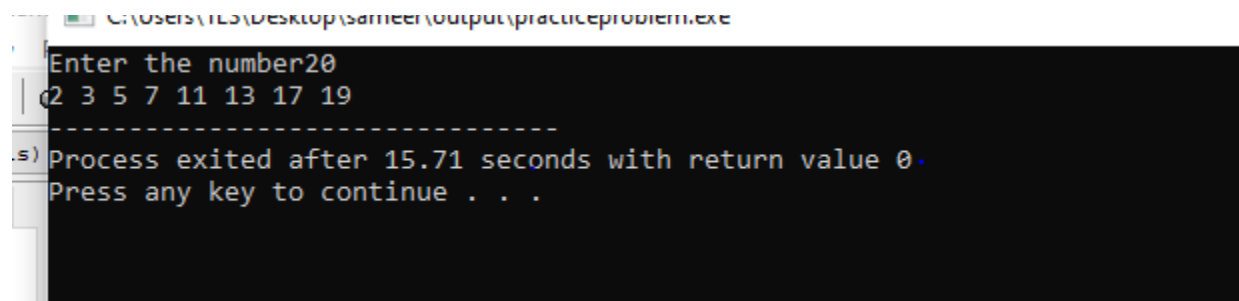
```
    if (result == 1)
```

```
        printf("%d ", i);
```

```
}
```

```
return 0;
```

}



A screenshot of a Windows command prompt window. The title bar at the top reads "C:\Users\H3\Desktop\sameer\output\practiceproblem.exe". The command prompt shows the prompt "Enter the number20" followed by the input "2 3 5 7 11 13 17 19". Below this, a dashed line separates the input from the output. The output consists of two lines: ".s) Process exited after 15.71 seconds with return value 0." and "Press any key to continue . . .".

```
C:\Users\H3\Desktop\sameer\output\practiceproblem.exe
Enter the number20
2 3 5 7 11 13 17 19
-----
.s) Process exited after 15.71 seconds with return value 0.
Press any key to continue . . .
```

Q3: