Question No-11:

/*Program to read Roll no,Name,Gender&Height of a person and to display how many bytes of memory each variable occupies. */

```c
#include<stdio.h> int main()

{    int rollno;

    double height;
rollno=height=0;    char name[20];
char gender;

    printf("Enter your Roll no :");
scanf("%d",&rollno);

    printf("Enter your Gender(M/F): ");
fflush(stdin);    scanf("%c",&gender);
printf("Enter your Name :");
fflush(stdin);
scanf("%[^\n]",&name);
printf("Enter your Height :");
scanf("%lf",&height);

    printf("\nThe space occupied by Roll no is :%d ",sizeof(rollno));
printf("\nThe space occupied by Gender is : %d",sizeof(gender));
printf("\nThe space occupied by Name is :%d",sizeof(name));
printf("\nThe space occupied by Height is :%d",sizeof(height));}
```
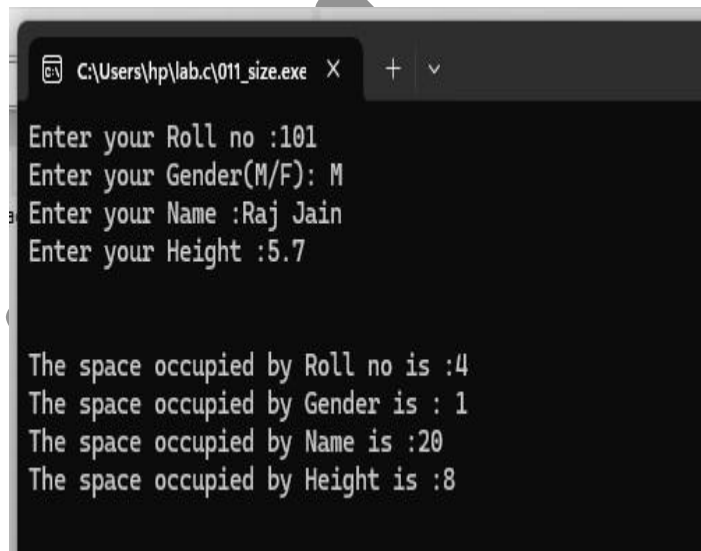


```
C:\Users\hp\lab.c\011_size.exe   X   +   v

Enter your Roll no :101
Enter your Gender(M/F): M
Enter your Name :Raj Jain
Enter your Height :5.7


The space occupied by Roll no is :4
The space occupied by Gender is : 1
The space occupied by Name is :20
The space occupied by Height is :8
```