Q.WRITE A PROGRAM TO READ THE ROLL NUMBER,NAME,GENDER AND HEIGHT OF A STUDENT AND DISPLAY THEIR SIZES OF MEMORY THEY OCCUPY.

A. #include <stdio.h>

int main()

{ int rollno;

double height;

char name[20],gen;

rollno=height=name[20]=gen=0;

printf("Enter roll no:");

scanf("%d",&rollno);

fflush(stdin);

printf("Enter Gender(M/F):");

scanf("%c",&gen);

fflush(stdin);

printf("Enter Name:");

scanf("%s",&name);

fflush(stdin);

printf("Enter height:");

scanf("%lf",&height);

printf("\nSize of rollno:%zu bytes\n",sizeof(rollno));

printf("Size of gender:%zu bytes\n",sizeof(gen));

printf("Size of name:%zu bytes\n",sizeof(name));

printf("Size of height:%zu bytes\n",sizeof(height));

return 0;

}

OUTPUT:

