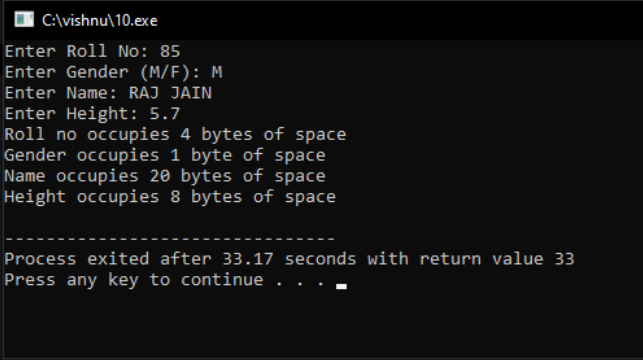


WAP to read Roll no., Name, Gender & Height of a person
display how many bytes of memory each variable occupies

PROGRAM:-

```
#include <stdio.h>
#include <string.h>
int main() { //OUTPUT:-
    int rollNo;
    char gender;
    char name[20];
    double height;
    printf("Enter Roll No: ");
    scanf("%d", &rollNo);
    printf("Enter Gender (M/F): ");
    scanf(" %c", &gender);
    printf("Enter Name: ");
    scanf("%[^\n]", name);
    printf("Enter Height: ");
    scanf("%lf", &height);
    printf("Roll no occupies %lu bytes of space\n", sizeof(rollNo));
    printf("Gender occupies %lu byte of space\n", sizeof(gender));
    printf("Name occupies %lu bytes of space\n", sizeof(name));
    printf("Height occupies %lu bytes of space\n", sizeof(height));
}
```



```
Enter Roll No: 85
Enter Gender (M/F): M
Enter Name: RAJ JAIN
Enter Height: 5.7
Roll no occupies 4 bytes of space
Gender occupies 1 byte of space
Name occupies 20 bytes of space
Height occupies 8 bytes of space
-----
Process exited after 33.17 seconds with return value 33
Press any key to continue . . .
```