1. WAP to read two characters from keyboard: one using getch() & another using getche() function and displays the characters using putch() function.

Code

```c
question1.c
1   /* WAP to read two characters from keyboard: one using getch() &
2   another using getche() function and displays the characters using
3   putch() function. */
4
5   #include <stdio.h>
6   #include <conio.h>
7   int main()
8   {
9       char a,b;
10      printf("Enter a character: ");
11      a=getch();
12
13      printf("\nEnter another character: ");
14      b=getche();
15      |
16      printf("\nYour character is: ");
17      putch(a);
18      printf("\nYour character is: ");
19      putch(b);
20      return 0;
21  }
```

Output

```
2   another using getche() function and displays the ch

E:\Manish\CProgramming\unformatted\question1.exe

Enter a character:
Enter another character: b
Your character is: a
Your character is: b
-------------------------------
Process exited after 3.755 seconds with return value 0
Press any key to continue . . . _
```

2. WAP to read a character from keyboard using getchar() function & display on the screen using putchar() function.

Code

```
question1.c  question2.c
1    /* WAP to read a character from keyboard using getchar()
2    function & display on the screen using putchar() function. */
3    #include <stdio.h>
4    #include <conio.h>
5    int main()
6    {
7        char gender;
8        printf("Enter gender M or F: ");
9        gender=getchar();
10       printf("Your gender is: ");
11       putchar(gender);
12       return 0;
13   }
```

Output

```
E:\Manish\CProgramming\unformatted\question2.exe

Enter gender M or F: M
Your gender is: M
-------------------------------
Process exited after 1.578 seconds with return value 0
Press any key to continue . . .
```

3. WAP to read a string with multiple words (i.e. string with space) using gets() function and display on the screen using puts() function.

Code

```c
1   /* WAP to read a string with multiple words (i.e. string
2   with space) using gets() function and display on the screen
3   using puts() function. */
4   #include <stdio.h>
5   #include <conio.h>
6   int main()
7   {
8       char name[20];
9       printf("Enter Your Name: ");
10      gets(name);
11      printf("Your name is: ");
12      puts(name);
13      return 0;
14  }
```

Output

```
E:\Manish\CProgramming\unformatted\question3.exe

Enter Your Name: Manish Bhusal
Your name is: Manish Bhusal

--------------------------------
Process exited after 7.077 seconds with return value 0
Press any key to continue . . .
```