

10.3 Activities

Activity 1: Write a C program to distinguish between

- A) odd or even for integers
- B) negative or positive for doubles
- C) Consonant or vowel for characters

```

2  #include <stdlib.h>
3  void posneg (double P);
4  void evenodd (int s);
5  void TEST (int VOW);
6  int main()
7  { char x;
8    printf("Enter any letter\n");
9    scanf("%c", &x);
10   TEST(x);
11
12   int F;
13   printf("Enter any number\n");
14   scanf("%d", &F);
15   evenodd(F);
16
17   double H;
18   printf("Enter any value number\n");
19   scanf("%lf", &H);
20   posneg(H);
21   return 0;
22 }
23 void TEST (int VOW)
24 {
25   if (VOW == 'u' || 'a' || 'o' || 'i' || 'e')
26     printf("The letter is a vowel\n");
27   else
28     printf("The letter is a cons\n");
29 }
30
31 void evenodd(int s)
32 {
33   if (s%2==0)
34     printf("The number is even\n");
35   else printf("The number is odd\n");
36 }
37 void posneg (double P)
38 {
39   if (P>=0)
40     printf("The number is positive\n");
41   else
42     printf("The number is negative\n");
43 }
44

```