

```

1  /*
2  * Complete the 'myFunc' function below.
3  *
4  * The function is expected to return an INTEGER.
5  * The function accepts INTEGER n as parameter.
6  */
7
8  int myFunc(int n)
9  {
10
11     while(n>1)
12     {
13         if(n%20==0)
14         {
15             n/=20;
16         }
17         else if(n%10==0)
18         {
19             n/=10;
20         }
21         else
22         {
23             return 0;
24         }
25     }
26     return 1;
27 }
28
29

```

	Test	Expected	Got	
✓	printf("%d", myFunc(1))	1	1	✓
✓	printf("%d", myFunc(2))	0	0	✓
✓	printf("%d", myFunc(10))	1	1	✓
✓	printf("%d", myFunc(25))	0	0	✓
✓	printf("%d", myFunc(200))	1	1	✓

Passed all tests! ✓

```

1  /*
2   * Complete the 'powerSum' function below.
3   *
4   * The function is expected to return an INTEGER.
5   * The function accepts following parameters:
6   * 1. INTEGER x
7   * 2. INTEGER n
8   */
9  #include<stdio.h>
10 #include<math.h>
11 int powerSum(int x, int m, int n)
12 {
13     if(x==0)
14     {
15         return 1;
16     }
17     if(x<0)
18     {
19         return 0;
20     }
21     int count=0;
22     for(int i=m;i++)
23     {
24         int power=1;
25         for(int j=0;j<n;j++)
26         {
27             power*=i;
28         }
29         if(power>x)
30         {
31             break;
32         }
33         count+=powerSum(x-power, i+1,n);
34     }
35     return count;
36 }
37

```

	Test	Expected	Got	
✓	printf("%d", powerSum(10, 1, 2))	1	1	✓

Passed all tests! ✓