

```
1  #include<stdio.h>
2  int main(){
3  int i,num,res=0;
4  printf("Enter a number : ");
5  scanf("%d",&num);
6  for(i=num;i>0;i--)
7      res += i;
8
9  printf("The sum of %d natural
        numbers is %d. \n",num,res);
10 return 0;
11 }
```

```
1  #include<stdio.h>
2  int main(){
3  int i,num,res=0;
4  printf("Enter a number : ");
5  scanf("%d",&num);
6  for(i=num;i>0;i--)
7      res += i * i;
8  printf("The sum of N^2 numbers is
        %d.\n",res);
9  return 0;
10 }
```

```
1  #include<stdio.h>
2  #include<math.h>
3  int main(){
4  int i,num;
5  float res=0;
6  printf("Enter a number : ");
7  scanf("%d",&num);
8  for(i=num;i>0;i--) {
9      if(i%2!=0)
10         res += pow(i,2) / pow(i,3);
11  }
12  printf("The sum of N^2/N^3 numbers
        is %.2f.(where n = odd)\n",res
        );
13  return 0;
14  }
```

```
1  #include<stdio.h>
2  int main(){
3  int num;
4  float res = 0;
5  printf("Enter a number : ");
6  scanf("%d", &num);
7  while (num > 0) {
8      res += 1.0 / num;
9      num--;
10 }
11 printf("The sum of 1/N numbers is %
    .2f.\n",res);
12 return 0;
13 }
```

```
1  #include<stdio.h>
2  int main(){
3  int num;
4  float i=1,res=0, fact=1;
5  printf("Enter a number : ");
6  scanf("%d",&num);
7  while(num > 0) {
8      fact *= i;
9      res += (i/fact);
10     num--;
11     i++;
12 }
13 printf("The sum of N/N! numbers is
        %.2f.\n",res);
14 return 0;
15 }
```