

DATE;23/11/2023

PROGRAM-20

AIM: Write a program to define the function template for calculating the square of given numbers with different data types.

CODE:

```
#include<iostream>

using namespace std;

template<class T>
void sqrt(T a,T b){
    cout<<"\nThe sqrt of enter number is "<<endl;
    cin>>a;
    b=a*a;
    cout<<"the sqare of number is \n"<<b;
}

int main(){
    int p,q;
    float d,e;
    double c,x;
    sqrt(p,q);
    sqrt(d,e);
    sqrt(c,x);
}
```