Date : 23/11/2023

PROGRAM-21

Aim: Write a program to define the function template for swapping two items of various datatypes such as integers, float, and characters.

Code:

```cpp
#include<iostream>
using namespace std;
template<class T>
void split(T y,T z,T temp){
cout<<"the value before swap\n";
cin>>y>>z;
temp=y;
y=z;
z=temp;
cout<<"the number after swap"<<y<<" "<<z;
}
int main(){
int p,q,d;
float x,y,z;
split(p,q,d);
split(x,y,z);
}
```