```cpp
/*
Write a function template for selection sort that inputs, sorts and
outputs an integer array and
a float array.
*/

#include<iostream>
using namespace std;
int n;
#define size 10
template<class T>
void sel(T A[size])
{
    int i,j,min;
    T temp;
    for(i=0;i<n-1;i++)
    {
        min=i;
        for(j=i+1;j<n;j++)
        {
            if(A[j]<A[min])
            min=j;
        }
        temp=A[i];
        A[i]=A[min];
        A[min]=temp;
    }
    cout<<"\nSorted array:";
    for(i=0;i<n;i++)
    {
        cout<<" "<<A[i];
    }
}

int main()
{
    int A[size];
    float B[size];
    int i;
    int ch;
    do
      {
            cout<<"\n* * * * * SELECTION SORT SYSTEM * * * * *";
            cout<<"\n--------------------MENU----------------------";
            cout<<"\n1. Integer Values";
            cout<<"\n2. Float Values";
            cout<<"\n3. Exit";
            cout<<"\n\nEnter your choice : ";
            cin>>ch;

            switch(ch)
            {
                 case 1:
                        cout<<"\nEnter total no of int elements:";
                cin>>n;
                cout<<"\nEnter int elements:";
                for(i=0;i<n;i++)
                {
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                    cin>>A[i];
            }
            sel(A);
                    break;

             case 2:
                    cout<<"\nEnter total no of float elements:";
            cin>>n;
            cout<<"\nEnter float elements:";
            for(i=0;i<n;i++)
            {
                    cin>>B[i];
            }
            sel(B);
                    break;

             case 3:
                    exit(0);
            }
        }while(ch!=3);


    return 0;

}
```