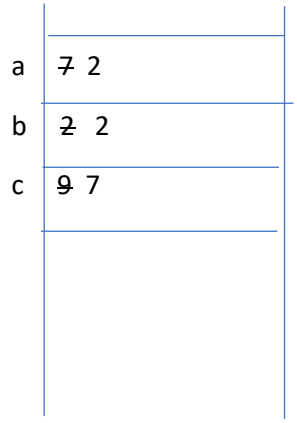
Solution of practical work 2

Exercice 1

1.



2.

```
#include<iostream >

using namespace std;

int main(){

int a = 7;

double b = a / 3;

int c = 9;

c = a % c;

int x=a;
a=b;

b=x;

cout << 2*a;

cout << "b";

return 0;

}
```

Exercice 2

```
#include<iostream >
using namespace std;
int main(){
int x;
cout<<"Please enter an integer value:" ;
cin>>x;
double f= (2*x+3) * (3*x*x+3);
cout<<"f("<<x<<")="<<f<<endl;
return 0;
}
```

Exercice 3

```
#include<iostream>
using namespace std ;
int main (){
int p;
cout <<"please enter the price";
cin>>p;
p= p-(p*10/100);
cout<<"The new price is "<<p;
return 0;
}
```

Exercice 4:

```
#include<iostream >
using namespace std;
int main(){
double l,w,area,perimeter;
cout<<"Please enter the length of the rectangle:" ;
cin>>l;
cout<<"Please enter the width of the rectangle:" ;
cin>>w;
area=l*w;
perimeter=(l+w)*2;
cout<<"The area of your rectangle is "<<area<<" and the
perimetre is "<< perimeter ;
return 0;
}
```

Exercice 5

```
#include<iostream>
using namespace std;
int main(){
int a,b,c;
cout<<"Enter the value of a:";
cin>>a;
cout<<"Enter the value of b:";
cin>>b;
cout<<"Enter the value of c:";
cin>>c;
int d=b;
b=a;
a=c;
c=d;
cout<<"a="<<a<<endl<<" b="<<b<<endl<<"c="<<c;
return 0;
}
```