

Question1:

```
#include<iostream>
using namespace std;
int main(){
    int a,b,z;
    cout<<"a: ";
    cin>>a;
    cout<<"b: ";
    cin>>b;
    z=a*b;
    cout<<"new value of z is: "<<z;
    return 0;
}
```

```
a: 2
b: 4
new value of z is: 8
Process returned 0 (0x0)   execution time : 5.485 s
Press any key to continue.
```

Question2:

```
#include<iostream>
using namespace std;
int main(){
    char a;
    cout<<"enter the value of a: ";
    cin>>a;
    //int b = a;
    //cout<<b;
    cout<<(int)a;
    return 0;
}
```

```
enter the value of a: U
85
Process returned 0 (0x0)   execution time : 2.128 s
Press any key to continue.
```

Question3:

```
#include<iostream>
using namespace std;
int main(){
    int a,b,z;
    cout<<"length: ";
    cin>>a;
    cout<<"breadth: ";
    cin>>b;
    z=a*b;
    cout<<"new value of area is: "<<z;
    return 0;
}
```

```
length: 5
breadth: 5
new value of area is: 25
Process returned 0 (0x0)    execution time : 3.033 s
Press any key to continue.
```

Question4:

```
#include<iostream>
using namespace std;
int main(){
    int a;
    cout<<"size of int is: "<<sizeof(a)<<endl;
    short b;
    cout<<"size of short is: "<<sizeof(b)<<endl;
    char c;
    cout<<"size of char is: "<<sizeof(c)<<endl;
    long d;
    cout<<"size of long is: "<<sizeof(d)<<endl;
    long long e;
    cout<<"size of long long is: "<<sizeof(e)<<endl;
    float f;
    cout<<"size of float is: "<<sizeof(f)<<endl;
    double g;
    cout<<"size of double is: "<<sizeof(g)<<endl;
    long double h;
    cout<<"size of long double is: "<<sizeof(h)<<endl;
    bool i;
    cout<<"size of bool is: "<<sizeof(i);
    return 0;
}
```

```
size of int is: 4
size of short is: 2
size of char is: 1
size of long is: 4
size of long long is: 8
size of float is: 4
size of double is: 8
size of long double is: 12
size of bool is: 1
Process returned 0 (0x0)    execution time : 0.053 s
Press any key to continue.
```

Question5:

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

```
a: 4
b: 5
a: 5
b: 4
Process returned 0 (0x0)   execution time : 1.864 s
Press any key to continue.
```