


PROGRAM ON SWAP

```
#include <iostream.h>
#include<conio.h>
void main() {
    // Write C++ code here
    int a,b,c;
    cout<<"Enter the value of a=";
    cin>>a;
    cout<<"Enter the value of b=";
    cin>>b;
    c=a;
    a=b;
    b=c;
    cout<<"values after swaping="<<endl;
    cout<<"a="<<a<<endl;
    cout<<"b="<<b<<endl;

    getch();
}
```

OUTPUT:

A screenshot of a terminal window with a black background and white text. The output shows the program's execution: it first displays 'Available memory 4003152', then prompts for 'a' (18) and 'b' (17), and finally shows the swapped values 'a=17' and 'b=18'.


```
Available memory 4003152
Enter the value of a=18
Enter the value of b=17
values after swaping=
a=17
b=18
-
```

PROGRAM ON IMPLICIT TYPE CASTING

```
#include<conio.h>

void main()
{
    int x=10;
    char y='a';
    x=x+y;
    cout<<"x="<<x<<endl;
    cout<<"y="<<y<<endl;
    getch();
}
```

OUTPUT:



A screenshot of a terminal window with a black background and white text. The text shows the output of the program: 'Available memory 4083664' on the first line, 'x=107' on the second line, and 'y=a' on the third line.

```
Available memory 4083664
x=107
y=a
```

PROGRAM ON EXPLICIT TYPE CASTING

```
#include<iostream.h>

#include<conio.h>

void main()

{

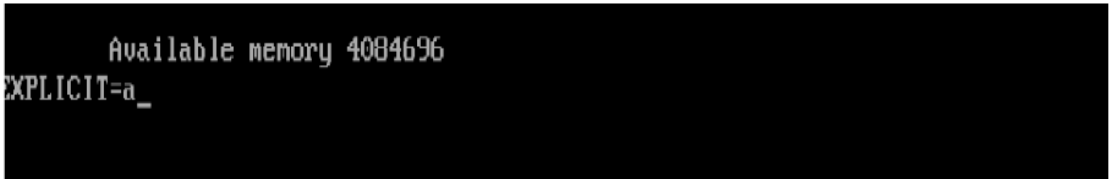
    int N=97;

    cout<<"EXPLICIT="<<char(N);

    getch();

}
```

OUTPUT:

A screenshot of a terminal window with a black background and white text. The first line shows 'Available memory 4084696'. The second line shows the output of the program: 'EXPLICIT=a_'.

```
Available memory 4084696
EXPLICIT=a_
```