Correct the errors in the following programs.

1. Why does this program not compile? Show what must be done to fix it?
   ```cpp
   int main () {
       Using namespace std;
       cout << "Hello there!\n";
       return 0;
   }
   #include <iostream>
   #include <iomanip>
   ```

2. Why does this program not compile? Show what must be done to fix it?
   ```cpp
   #include <iostream>
   #include <iomanip>
   using namespace std
   int Main () {
       Cout << "I like sunny days!!\n";
       return 0;
   }
   ```

3. Why does this program not compile? Show what must be done to fix it?
   ```cpp
   #include <iostream>
   #include <iomanip>
   using namespace std;
   int main () {
       cout << Hello there! << endl;
       return 0;
   }
   ```

4. Why does this program not produce any output? Show what must be done to fix it.
   ```cpp
   #include <iostream.h>
   #include <iomanip.h>
   using namespace std;
   int main () {
       return 0;
       cout << "Betsy successfully made this" << endl;
   }
   ```
5. Why does this program not compile? Show what must be done to fix it?

```cpp
#include <iostream>
#include <iomanip>
using namespace std;

int main ()
{
    cout << "Something is terribly wrong here!" << endl;
    return 0;
}
```

6. Why does this program not compile? Show what must be done to fix it?

```cpp
#include <iostream>
#include <iomanip>
using namespace std;

int main ()
{
    cout >> "This one does not work either!" << endl;
    return 0;
}
```

7. Why does this program not compile? Show what must be done to fix it?

```cpp
#include <iostream>
#include <manip>
using namespace std;

int main ()
{
    cout << 'Why can I not get this program to work?' << endl;
    return 0;
}
```

8. This program compiles, but what is stylistically wrong? Show what must be done to fix it?

```cpp
#include <iostream>
#include <iomanip>
using namespace std;

int main ()
{
    cout << "Something is not quite right here" << endl;
    return 0;
}
```
9. A programmer has written the following solution to calculate wages for their company’s weekly payroll. The programmer is convinced it will work just fine and has submitted it to you for verification and approval. This means you must thoroughly desk check their solution. How many errors can you find in it? Show how could they be repaired so that it would work.

Each line of input contains the employee’s number, the hours they have worked and their pay rate. Any hours more than 40 are to be paid at time and a half.

Set total_payroll to 0
input employee_id and hours and payrate
as long as we got a set of data, do the following
multiply hours by payrate and store it in pay
if the hours is greater than 40 then do this
Pay = (hours - 40) times rate times 1.5
end the if
add the pay to the TotalPayroll
display the id number and the pay
try to input another employee_id and hours and payrate
end the do series here
display the total_payroll

Test the program with the following input lines of data
123455 40 5.00
245346 20 7.50
535323 60 6.00

Hint: draw a picture of what main storage or memory should be. Pay attention to the names of the variables used in the solution.

What is the precise output from these output instructions? Fill in the boxes to indicate the results. Each box represents one column on the screen and each row represents one line on the screen.

10.

cout << "ABC";
cout << "DEF";
cout << "GHIJK";
11. cout << "abc ";
cout << "def ";
cout << "ghijk";
cout << "Abc\\n";
cout << "\\nDef\\n";
cout << "Ghijk";
cout << "Abc\nDef\nGhijk\n";