Question

Modify the program that converts the time to seconds in such a way that it will use a function similar to the following

convert_to_secs(hours,mins,secs,&time);

Hint: the function should accept three ints and the memory address of time. The function should not return time (void function) but it should write directly on to the variable using its memory address.

Here is the original program:

```c
#include <stdio.h>
void mytime()
{
   int hours, mins, secs, time;
   printf("Enter current time in the format <hours minutes seconds> \n");
   scanf("%d %d %d",&hours,&mins,&secs);
   time = (60 * hours + mins) * 60 + secs;
   printf("Time converted to seconds is: %d/n", time);
}
```

Solution

```cpp
#include<iostream>

using namespace std;

void convert_to_secs(int hours, int mins, int secs,int *p)

{

        int result = (60 * hours + mins) * 60 + secs;

        *p=result;

}

int main()

{

        int hours,mins,secs,time;

        cout<<"Enter current time in the format <hours minutes seconds> "<<endl;
```

```
cin>>hours>>mins>>secs;

convert_to_secs(hours,mins,secs,&time);

cout<<"time converted to seconds is "<<time<<endl;

return 0;

}
```