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\* Lab #3 Section #4

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***EXERCISE 1***

#include <iostream>

using namespace std;

int main()

{

int num1, num2, num3, temp;

cout << "Insert three numbers: ";

cin >> num1 >> num2 >> num3;

if (num1 > num2)

{

temp = num1;

num1 = num2;

num2 = temp;

}

if (num2 > num3)

{

temp = num2;

num2 = num3;

num3 = temp;

}

if (num1 > num2)

{

temp = num1;

num1 = num2;

num2 = temp;

}

cout << num1<<" " << num2 <<" " << num3;

return 0;

}

***EXERCISE 2***

#include <iostream>

using namespace std;

int main()

{

int h;

cout <<"enter the number of hours: ";

cin >>h;

if (h >= 0 && h <=3)

cout << "your parking fee is: 5";

else if (h > 3 && h <= 9)

cout << "your parking fee is: " << 6\*(static\_cast<int>(h+1));

else if (h > 9 && h <= 24)

cout << "your parking fee is: 60";

return 0;

}

***EXERCISE 3***

#include <iostream>

using namespace std;

int main()

{

int today, future;

string day,f\_day;

cout << "enter today's day: ";

cin >> today;

cout<< "\nEnter the number of days elapsed since today: ";

cin >> future;

future++;

switch(today)

{

case 1: day = "monday";break;

case 2: day = "tuesday";break;

case 3: day = "wednesday";break;

case 4: day = "thursday";break;

case 5: day = "friday";break;

case 6: day = "saturday";break;

case 7: day = "sunday";break;

}

switch(future)

{

case 1: f\_day = "monday";break;

case 2: f\_day = "tuesday";break;

case 3: f\_day = "wednesday";break;

case 4: f\_day = "thursday";break;

case 5: f\_day = "friday";break;

case 6: f\_day = "saturday";break;

case 7: f\_day = "sunday";break;

}

cout << "today is " << day << " and the future is "

<< f\_day;

return 0;

}