

**1) Code: prob1.c**

I chose the Shubert algorithm from the previous sample code.

Output:

```
$/prob1
```

```
Min1 = -186.73 Min2 = -17.15
```

```
The minimum is: -186.73
```

```
Total time was 4.48 seconds.
```

**2) Code: prob2.c**

```
$/prob2
```

```
I'm thread number: 2! My min is: -186.73
```

```
I'm thread number: 1! My min is: -186.73
```

```
I'm thread number: 3! My min is: -64.68
```

```
I'm thread number: 4! My min is: -39.59
```

```
The minimum is: -186.73
```

```
Total time was 1.56 seconds.
```

**3) Code: prob3.c**

```
$ ./prob3
```

```
Minimum: -186.73
```

```
Total time was 0.48 seconds.
```

**4) Code: prob4.c**

```
$ ./prob4
```

```
Minimum: -186.73
```

```
Total time was 1.97 seconds.
```