Toni Hunter

Code 1:

Code 2:

```
Enter Account number: 21455353
Enter current credit limit: 10000
Enter current balance: 2000
New credit Limit: 8000.00

Enter Account number: 124563466
Enter current credit limit: 10000
Enter current balance: 9000
New credit Limit: 8000.00
124563466: Your Current Balance Exceeds New Credit limit!
Enter Account number: 3532552
Enter current credit limit: 23046
Enter current balance: 10000
New credit Limit: 18436.80
```

Code 3:

```
Please Enter your code: 1
                                             Please Enter your code: 3
You are a manager.
Enter your weekly salary: 350
                                             You are a Commission Worker.
Enter weeks worked: 7
                                             Enter weeks worked: 7
Your earnings are $2450.00
                                             Enter amount made in sales: 100000
Please Enter your code: 2
                                             Your commission and earnings are $8950.00
You are a Hourly Worker.
Enter amount of hourly pay: 15
                                             Please Enter your code: 4
Enter hours worked: 40
Your Earnings are $600.00
                                             You are a Piece Maker.
                                              Enter number of items produced: 560
Please Enter vour code: 2
                                             Enter Wage per item: 23
You are a Hourly Worker.
                                             Your earnings are $12880.00
Enter amount of hourly pay: 15
Enter hours worked: 41
                                             Please Enter your code: -1
You worked 40+ hours. Your earnings are $622.50
```

Code 4:

```
(2^2 + 3^2 = 4^2)
                          (216^2 + 324^2 = 432^2)
(3^2 + 8^2 = 9^2)
                          (216^2 + 390^2 = 486^2)
(4^2 + 6^2 = 8^2)
                          (218^2 + 327^2 = 436^2)
(4^2 + 15^2 = 16^2)
                          (220^2 + 279^2 = 400^2)
(5^2 + 24^2 = 25^2)
                          (220^2 + 330^2 + 440^2)
(6^2 + 9^2 = 12^2)
                          (220^2 + 384^2 = 484^2)
(6^2 + 16^2 = 18^2)
                          (222^2 + 333^2 = 444^2)
(6^2 + 35^2 = 36^2)
                          (224^2 + 264^2 = 392^2)
(7^2 + 48^2 = 49^2)
                          (224^2 + 336^2 = 448^2)
(8^2 + 12^2 = 16^2)
                          (225^2 + 240^2 = 375^2)
(8^2 + 30^2 = 32^2)
                          (225^2 + 280^2 = 405^2)
(8^2 + 63^2 = 64^2)
                          (226^2 + 339^2 = 452^2)
(9^2 + 24^2 = 27^2)
                          (228^2 + 342^2 = 456^2)
(9^2 + 80^2 = 81^2)
                           (230^2 + 345^2 = 460^2)
(10^2 + 15^2 = 20^2)
                          (231^2 + 320^2 + 441^2)
(10^2 + 21^2 = 25^2)
                          (232^2 + 348^2 = 464^2)
(10^2 + 48^2 = 50^2)
                          (234^2 + 351^2 = 468^2)
(10^2 + 99^2 = 100^2)
                          (236^2 + 354^2 = 472^2)
(11^2 + 120^2 = 121^2)
                          (238^2 + 357^2 = 476^2)
(12^2 + 18^2 = 24^2)
                          (240^2 + 256^2 = 400^2)
(12^2 + 32^2 = 36^2)
                          (240^2 + 322^2 = 450^2)
(12^2 + 45^2 = 48^2)
                           .
(240^2 + 360^2 = 480^2)
(12^2 + 70^2 = 72^2)
                          (242^2 + 363^2 = 484^2)
(12^2 + 143^2 = 144^2)
                          (244^2 + 366^2 = 488^2)
(13^2 + 168^2 = 169^2)
                          (246^2 + 369^2 = 492^2)
(14^2 + 21^2 = 28^2)
                          (248^2 + 372^2 = 496^2)
(14^2 + 45^2 = 49^2)
                          (250^2 + 375^2 = 500^2)
(14^2 + 96^2 = 98^2)
                          (252^2 + 285^2 = 432^2)
(14^2 + 195^2 = 196^2)
                          (252^2 + 297^2 = 441^2)
(15^2 + 16^2 = 25^2)
                          .
(255^2 + 272^2 = 425^2)
(15^2 + 40^2 = 45^2)
                          (264^2 + 340^2 = 484^2)
(15^2 + 72^2 = 75^2)
                          (270^2 + 288^2 + 450^2)
(15^2 + 224^2 = 225^2)
                          (270^2 + 336^2 = 486^2)
(16^2 + 24^2 = 32^2)
                          (280^2 + 330^2 = 490^2)
(16^2 + 60^2 = 64^2)
                          (285^2 + 304^2 = 475^2)
(16^2 + 126^2 = 128^2)
                          (286^2 + 315^2 = 484^2)
(16^2 + 255^2 = 256^2)
                          (300^2 + 320^2 = 500^2)
(17^2 + 288^2 = 289^2)
(18^2 + 27^2 = 36^2)
                          Process returned 0 (0x0)
(18^2 + 48^2 = 54^2)
                         Press any key to continue.
```