第五回練習問題 回答例

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練習①

```
# coding: Windows-31J
print( " 点数 > " )
score = gets.chomp.to_i
if score >= 80 then
        grade = "A"
elsif score >= 70 then
        grade = "B"
elsif score >= 60 then
        grade = "C"
else
        grade = "D"
end
print( score , " 点は " , grade , " です¥n" )
```

練習②

```
# coding: Windows-31J
print( " クラス名? " )
cname = gets.chomp
print( " 学籍番号? " )
number = gets.chomp.to_i

if ( cname == "K" and number < 61605800 ) or ( cname == "L" and
number < 61613500 ) then
        puts( "教室は703" )
else
        puts( "教室は704" )
end
```

練習③

```
# coding: Windows-31J
i = 1
loop{
   if i % 2 == 0 then
       print( i , "は偶数です¥n" )
   else
       print( i , "は奇数です¥n" )
   end
   i += 1
   break if i > 10
}
```

練習④

```
# coding: Windows-31J
n = gets.chomp.to_i
i = 1
total = 0
loop{
   total += i * i
   break  if i == n
   i = i+1
}
print( "1から" , n , " までの自乗和は" , total )
```

練習⑤

```
# coding: Windows-31J
seikai = 0
kaisu = 1
loop{
        x = rand(10)
        y = rand(10)
        ope = rand(4)
        if ope == 0 then
                print( x , " + " , y , " = ¥n" )
                print( " > " )
                ans = x + y
        elsif ope == 1 then
                print( x , " - " , y , " = ¥n" )
                print( " > " )
                ans = x - y
        elsif ope == 2 then
                print( x , " * " , y , " = ¥n" )
                print( " > " )
                ans = x * y
```

```
elsif ope == 3 then
                print( x , " / " , y , " = ¥n" )
                print( " > " )
                ans = x / y
        end

        input = gets.chomp.to_i
        if ans == input then
                print( "正解¥n¥n" )
                seikai += 1
        else
                print( "不正解¥n¥n" )
        end

        if kaisu == 10 then
                break
        end
        kaisu += 1
}
print( "正解は " , seikai )
```