- Filename: HW#_StuID.zip
 - Ex) HW6_Q123456.zip

▶ Coloretto (變色龍)

- Requirements:
 - Write a program which lets users play Coloretto
 - Use only basic rules
 - Write an AI to play Coloretto as a phantom user
 - Number of players: 4
- Bonus:
 - Number of players: 3–5

- There are 77 cards including:
 - Each color have 9 colorettos (7x9=63)
 - There are 10 "+2" card (the score +2)
 - There are 3 colorful colorettos (can act any color)
 - 1 end cards, put at the no 16 counter count.

- In each round, the player can only choose:
 - Draw a coloretto and put at some row
 - Get the coloretto on a row and end this round
- Each row can only put 3 colorettos and each row can only get by one player at each round.
- If someone draw a end card, then after this round we will calculate the score.

- The score calculation is shown below:
 - Sort the count of each colors, the top 3 colors get positive points, others get minus points
 - The different count get different point:
 - 1:1
 - 2:3
 - 3:6
 - 4:10
 - 5:15
 - 6 or more : 21

- For example the sorted count is 654321, +2card 2, colorful 1, the score is 21+21+10-6-3-1+2x2.
- The highest score player is winner!

- Rules:
 - http://goo.gl/YusIhT
- Play online:
 - http://www.marquand.net/games_coloretto/
 - http://www.marquand.net/coloretto
- Video:
 - https://www.youtube.com/watch?v=CHIL-Ff32dY
 - https://www.youtube.com/watch?v=_huhDSJDnQE