

PROJECT 4

First Run

run:

=> welcome to this grad app that tests a hashtable.

=>Running low on creativity towards the end of the semester.
Sorry...

=> Admitting Students

- => Student: 1: Ben, 0
- => Student: 2: Green, 1
- => Student: 3: Karina, 2
- => Student: 4: Gray, 0
- => Student: 5: Butler, 1
- => Student: 6: Bear, 2
- => Student: 7: Jasmine, 0
- => Student: 8: Floral, 1
- => Student: 9: Robyn, 2
- => Student: 10: Ricardo, 0
- => Student: 11: Abdul, 1
- => Student: 12: Hadeel, 2
- => Student: 13: Gio, 0
- => Student: 14: Eric, 1
- => Student: 15: Alex, 2
- => Student: 16: Chris, 0
- => Student: 17: Yellow, 1
- => Student: 18: Jet, 2
- => Student: 19: Ari, 0
- => Student: 20: Rabbit, 1
- => Student: 21: Seagreen, 2
- => Student: 22: Cindy, 0
- => Student: 23: Rosie, 1
- => Student: 24: Fernando, 2
- => Student: 25: Carolina, 0
- => Student: 26: Eri, 1

=> Student: 27: Orange, 2
=> Student: 28: Violet, 0
=> Student: 29: Maribel, 1
=> Student: 30: Deandre, 2
=> Student: 31: Danny, 0
=> Student: 32: Alice, 1
=> Student: 33: Adone, 2
=> Student: 34: Hector, 0
=> Student: 35: Black-Hat, 1
=> Student: 36: Red, 2
=> Student: 37: Caitlin, 0
=> Student: 38: Pam, 1
=> Student: 39: Rain, 2
=> Student: 40: Jax, 0
=> Student: 41: Jacquelyn, 1
=> Student: 42: Blue, 2
=> Student: 43: Arleen, 0
=> Student: 44: Brenda, 1
=> Student: 45: Diana, 2
=> Student: 46: Dog, 0
=> Student: 47: Daisy, 1
=> Student: 48: Uzi, 2
=> Student: 49: Bee, 0
=> Student: 50: Crystal, 1
=> Student: 51: Gloria, 2
=> Student: 52: Gil, 0
=> Student: 53: Orchid, 1
=> Student: 54: Cecilia, 2
=> Student: 55: Yuna, 0
=> Student: 56: Agustin, 1
=> Student: 57: Cheyenne, 2
=> Student: 58: Elvis, 0
=> Student: 59: Herb, 1

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=> Student: 60: Andrew, 2
=> Applying for graduation...
=> Recieved applications.
=> Congratulations! Class of 2017!
    => 2011 graduate: Ben
    => 2011 graduate: Gio
    => 2011 graduate: Carolina
    => 2011 graduate: Danny
    => 2011 graduate: Arleen
    => 2012 graduate: Butler
    => 2012 graduate: Yellow
    => 2012 graduate: Rosie
    => 2012 graduate: Alice
    => 2012 graduate: Black-Hat
    => 2012 graduate: Pam
    => 2012 graduate: Daisy
    => 2012 graduate: Orchid
    => 2013 graduate: Bear
    => 2013 graduate: Hadeel
    => 2013 graduate: Red
    => 2013 graduate: Gloria
=> 2011 Graduation rate: 0.08333333333333333
=> 2012 Graduation rate: 0.125
=> 2013 Graduation rate: 0.25
BUILD SUCCESSFUL (total time: 0 seconds)
```

Second Run

```
run:
=> welcome to this grad app that tests a hashtable.
    =>Running low on creativity towards the end of the semester.
    Sorry...
=> Admitting Students
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=> Student: 1: Seagreen, 0
=> Student: 2: Green, 1
=> Student: 3: Gray, 2
=> Student: 4: Dog, 0
=> Student: 5: Ari, 1
=> Student: 6: Robyn, 2
=> Student: 7: Deandre, 0
=> Student: 8: Hector, 1
=> Student: 9: Bee, 2
=> Student: 10: Ricardo, 0
=> Student: 11: Jacquelyn, 1
=> Student: 12: Karina, 2
=> Student: 13: Danny, 0
=> Student: 14: Pam, 1
=> Student: 15: Caitlin, 2
=> Student: 16: Jet, 0
=> Student: 17: Eric, 1
=> Student: 18: Uzi, 2
=> Student: 19: Gio, 0
=> Student: 20: Agustin, 1
=> Student: 21: Red, 2
=> Student: 22: Violet, 0
=> Student: 23: Cecilia, 1
=> Student: 24: Jax, 2
=> Student: 25: Brenda, 0
=> Student: 26: Herb, 1
=> Student: 27: Bear, 2
=> Student: 28: Carolina, 0
=> Student: 29: Yellow, 1
=> Student: 30: Alex, 2
=> Student: 31: Yuna, 0
=> Student: 32: Orange, 1
=> Student: 33: Fernando, 2

=> Student: 34: Butler, 0
=> Student: 35: Hadeel, 1
=> Student: 36: Maribel, 2
=> Student: 37: Blue, 0
=> Student: 38: Alice, 1
=> Student: 39: Eri, 2
=> Student: 40: Arleen, 0
=> Student: 41: Cindy, 1
=> Student: 42: Diana, 2
=> Student: 43: Andrew, 0
=> Student: 44: Rosie, 1
=> Student: 45: Black-Hat, 2
=> Student: 46: Rabbit, 0
=> Student: 47: Gloria, 1
=> Student: 48: Orchid, 2
=> Student: 49: Elvis, 0
=> Student: 50: Crystal, 1
=> Student: 51: Cheyenne, 2
=> Student: 52: Chris, 0
=> Student: 53: Rain, 1
=> Student: 54: Gil, 2
=> Student: 55: Jasmine, 0
=> Student: 56: Daisy, 1
=> Student: 57: Ben, 2
=> Student: 58: Adone, 0
=> Student: 59: Floral, 1
=> Student: 60: Abdul, 2
=> Applying for graduation...
=> Recieved applications.
=> Congratulations! Class of 2017!
=> 2011 graduate: Gio
=> 2011 graduate: Violet
=> 2012 graduate: Hector

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=> 2012 graduate: Pam
=> 2012 graduate: Cecilia
=> 2012 graduate: Yellow
=> 2012 graduate: Orange
=> 2012 graduate: Gloria
=> 2013 graduate: Uzi
=> 2013 graduate: Red
=> 2013 graduate: Alex
=> 2013 graduate: Diana
=> 2013 graduate: Abdul
=> 2011 Graduation rate: 0.03333333333333333
=> 2012 Graduation rate: 0.05
=> 2013 Graduation rate: 0.1
BUILD SUCCESSFUL (total time: 0 seconds)
```

Third Run

run:

```
=> welcome to this grad app that tests a hashtable.
    =>Running low on creativity towards the end of the semester.
Sorry...
=> Admitting Students
    => Student: 1: Blue, 0
    => Student: 2: Dog, 1
    => Student: 3: Herb, 2
    => Student: 4: Cindy, 0
    => Student: 5: Elvis, 1
    => Student: 6: Rosie, 2
    => Student: 7: Gil, 0
    => Student: 8: Yellow, 1
    => Student: 9: Andrew, 2
    => Student: 10: Ari, 0
    => Student: 11: Jax, 1
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=> Student: 12: Bear, 2
=> Student: 13: Alex, 0
=> Student: 14: Chris, 1
=> Student: 15: Adone, 2
=> Student: 16: Gray, 0
=> Student: 17: Brenda, 1
=> Student: 18: Ben, 2
=> Student: 19: Yuna, 0
=> Student: 20: Black-Hat, 1
=> Student: 21: Maribel, 2
=> Student: 22: Eri, 0
=> Student: 23: Seagreen, 1
=> Student: 24: Bee, 2
=> Student: 25: Arleen, 0
=> Student: 26: Jacquelyn, 1
=> Student: 27: Pam, 2
=> Student: 28: Ricardo, 0
=> Student: 29: Uzi, 1
=> Student: 30: Green, 2
=> Student: 31: Alice, 0
=> Student: 32: Agustin, 1
=> Student: 33: Diana, 2
=> Student: 34: Gloria, 0
=> Student: 35: Caitlin, 1
=> Student: 36: Cheyenne, 2
=> Student: 37: Deandre, 0
=> Student: 38: Rabbit, 1
=> Student: 39: Jasmine, 2
=> Student: 40: Crystal, 0
=> Student: 41: Fernando, 1
=> Student: 42: Jet, 2
=> Student: 43: Carolina, 0
=> Student: 44: Abdul, 1

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=> Student: 45: Rain, 2
=> Student: 46: Orchid, 0
=> Student: 47: Eric, 1
=> Student: 48: Floral, 2
=> Student: 49: Danny, 0
=> Student: 50: Hadeel, 1
=> Student: 51: Karina, 2
=> Student: 52: Orange, 0
=> Student: 53: Violet, 1
=> Student: 54: Hector, 2
=> Student: 55: Butler, 0
=> Student: 56: Daisy, 1
=> Student: 57: Gio, 2
=> Student: 58: Cecilia, 0
=> Student: 59: Red, 1
=> Student: 60: Robyn, 2
=> Applying for graduation...
=> Recieved applications.
=> Congratulations! Class of 2017!
    => 2011 graduate: Alex
    => 2011 graduate: Arleen
    => 2011 graduate: Alice
    => 2011 graduate: Danny
    => 2012 graduate: Elvis
    => 2012 graduate: Jax
    => 2012 graduate: Jacquelyn
    => 2012 graduate: Agustin
    => 2012 graduate: Fernando
    => 2012 graduate: Red
    => 2013 graduate: Bee
    => 2013 graduate: Pam
    => 2013 graduate: Diana
=> 2011 Graduation rate: 0.06666666666666667
```


=> 2012 Graduation rate: 0.1

=> 2013 Graduation rate: 0.2

BUILD SUCCESSFUL (total time: 0 seconds)