```
Kuvvona
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-numerator: int
-denominator:int
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+Rational()
+Rational(int numerator_t , int
denominator t)
+Rational(int numerator t)
+Rational(const std::string& a)
+num() const
+den() const;
+lcm(int a , int b);
+set num (int a);
+set_den(int a);
+simplify();
+from_int_to_string() const;
+to_double() const;
+is_positive() const;
+is_negative() const;
+is_inf() const;
+is nan() const:
```

+Add(Rational a, Rational b) +Subtract(Rational a, Rational b) +Multiply(Rational a, Rational b) +Divide(Rational a, Rational b) +Pow(Rational a, int pow) +Calculate(std::string a, Rational a_t, Rational b, int n)

+choice_func()
+opened(std::string
file_name)
+file_operations(std::str
ing file_name)

+ choice: string