

Create class "Vector2d" (2 dimensional math vector http://mathinsight.org/vector_introduction);
Overload next operators:

- "+" for number (Vector + number) and other Vector (Vector + Vector)
- "-" for number, unary (-Vector), and other Vector
- "*" for number and other Vector (calculate cross product)
- "/" for number
- "+=", "-=", "*=" for number and other Vector
- "/=" for number
- "<<" for cout (optional)