

**Introduction to ML (CS771), Autumn 2018**  
**Indian Institute of Technology Kanpur**  
**Homework Assignment Number 1**

*Student Name:* Shashi Kant Gupta

*Roll Number:* 160645

*Date:* August 22, 2018

**QUESTION**

**1**

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A vector symbol  $\mathbf{b}$ , a symbol in blackboard font  $\mathbb{R}$ , a symbol in calligraphic font  $\mathcal{A}$ , some  
colored text

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**QUESTION**

**2**

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My solution to problem 2

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**QUESTION**

**3**

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My solution to problem 3

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**QUESTION**

**4**

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My solution to problem 4

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**QUESTION**

**5**

My solution to problem 5

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**QUESTION**

**6**

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My solution to problem 6