

FAST-NUCES Peshawar

Department of Computer Science

10/9/2019

Asjid Tahir

7:14 pm

BSCS 19-B

Mathematical Report

(X1 , Y1)		(X2 , Y2)		DISTANCE
X1	y1	x2	y2	
<u>1</u>	<u>2</u>	<u>5</u>	<u>10</u>	<u>8.94</u>
<u>2</u>	<u>4</u>	<u>4</u>	<u>8</u>	<u>2.24</u>
<u>3</u>	<u>6</u>	<u>3</u>	<u>6</u>	<u>2.24</u>
<u>4</u>	<u>8</u>	<u>2</u>	<u>4</u>	<u>6.71</u>
<u>5</u>	<u>10</u>	<u>1</u>	<u>2</u>	<u>6.71</u>

● Distance Formula = $\sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$

● Midpoint formula = $(\frac{x_1+x_2}{2}, \frac{y_1+y_2}{2})$