Sorting circuit for Quantum Computing

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National University Of
Computer And Emerging Sciences

4 Feburary 2020

Group Members

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Quantum Computer

- Quantum bits (Qbits)
- Quantum Computing
- Quntum Gates

Quantum Computer

- IBM Quantum Compuuter

Quantum Chip

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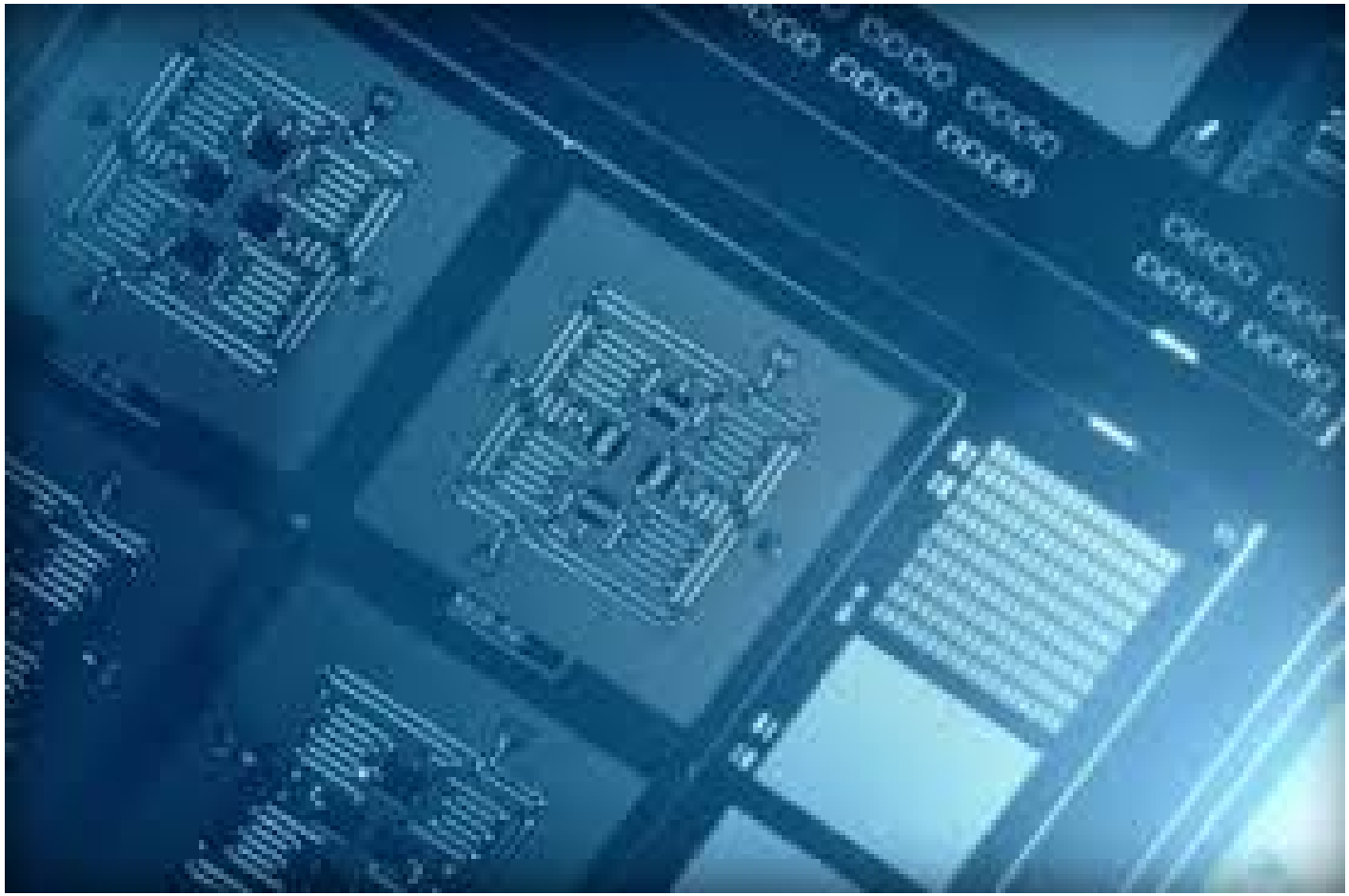
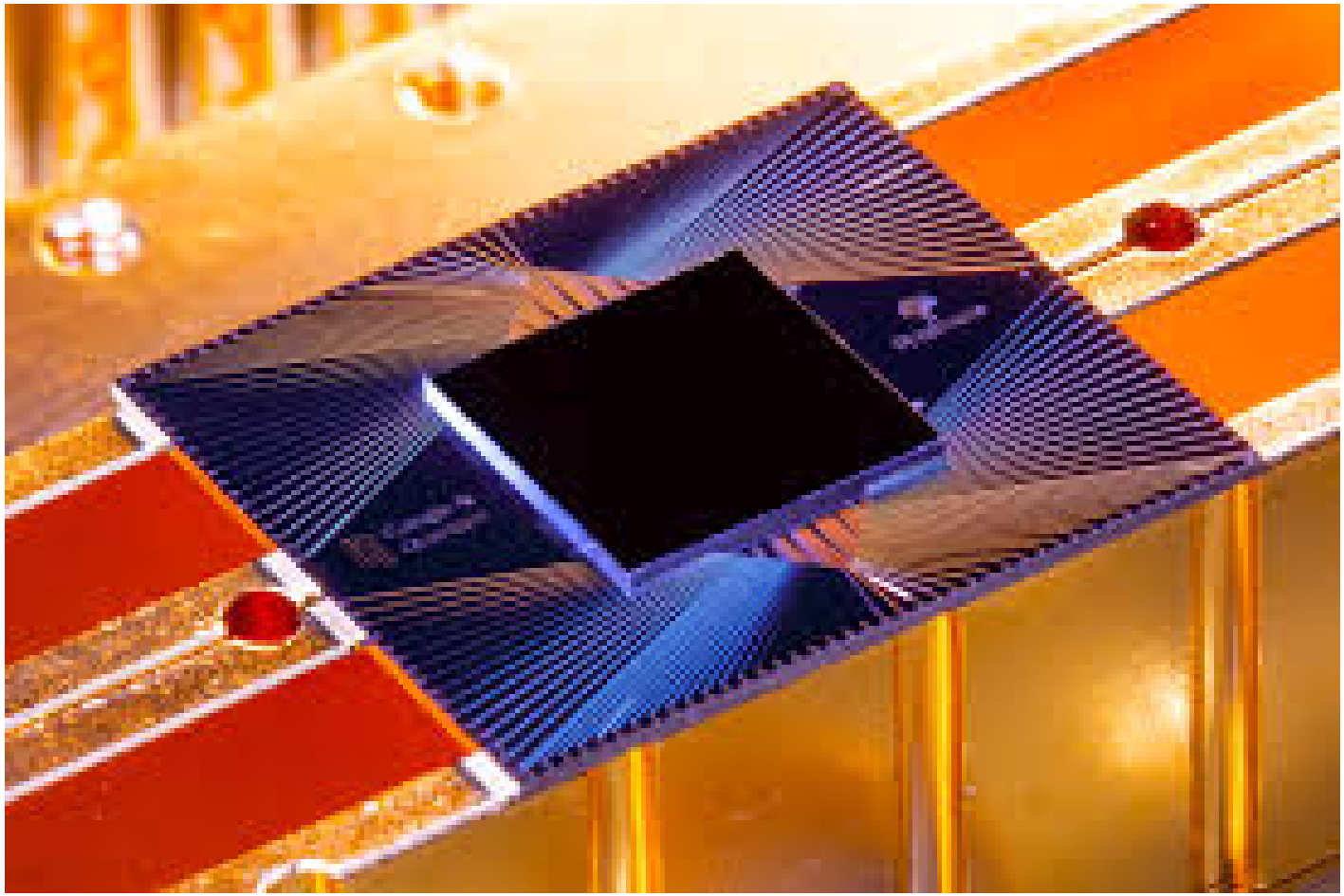
- IBM Quantum Chip



Quantum Chip

- Google Quantum Chip



Quantum Bit

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- What is Quantum bit?
- What is Qbit made off?
- Temperature
- Super Conductor

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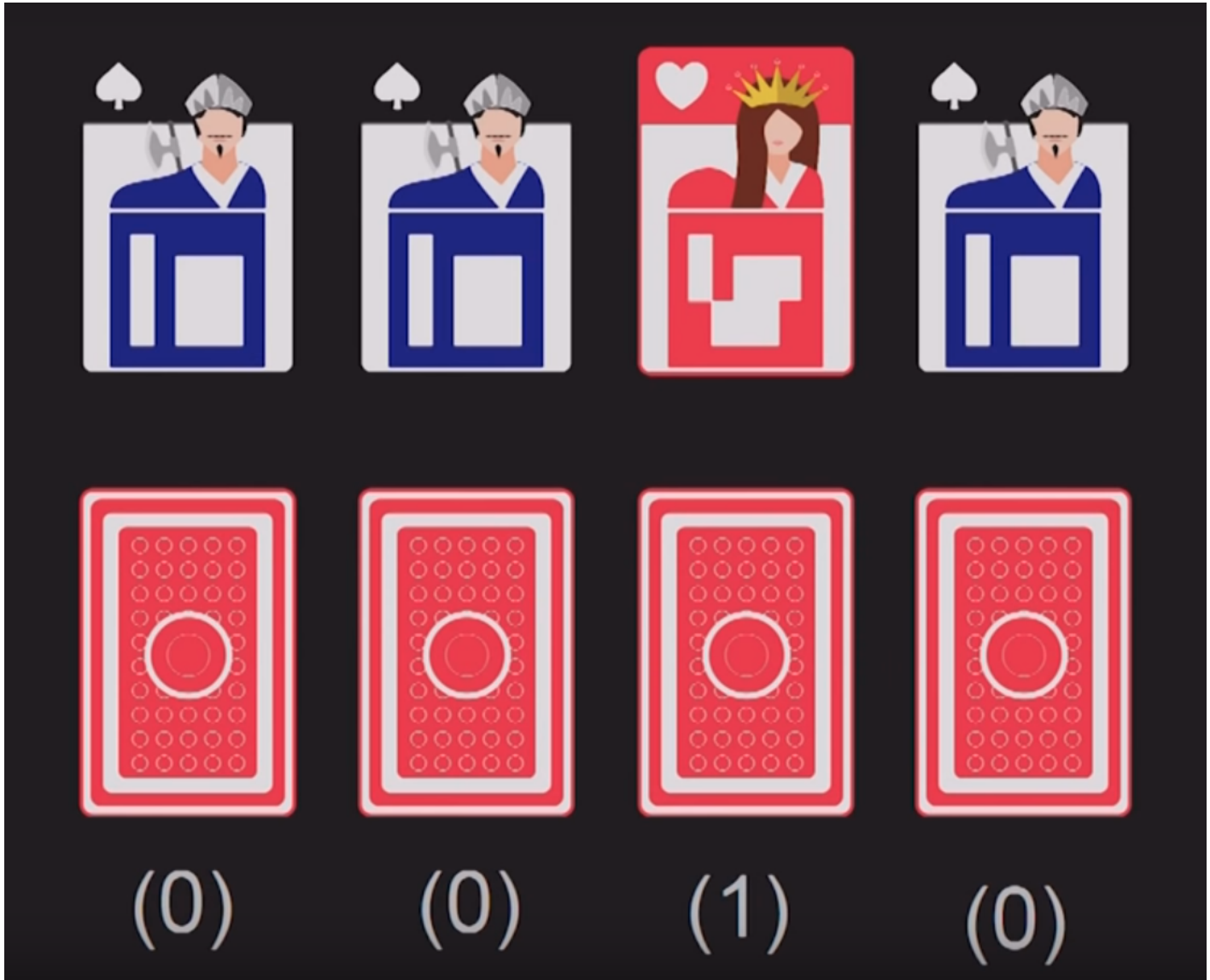

Quantum Gates

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- X Gate
- Hadamard Gate

Quantum Gate

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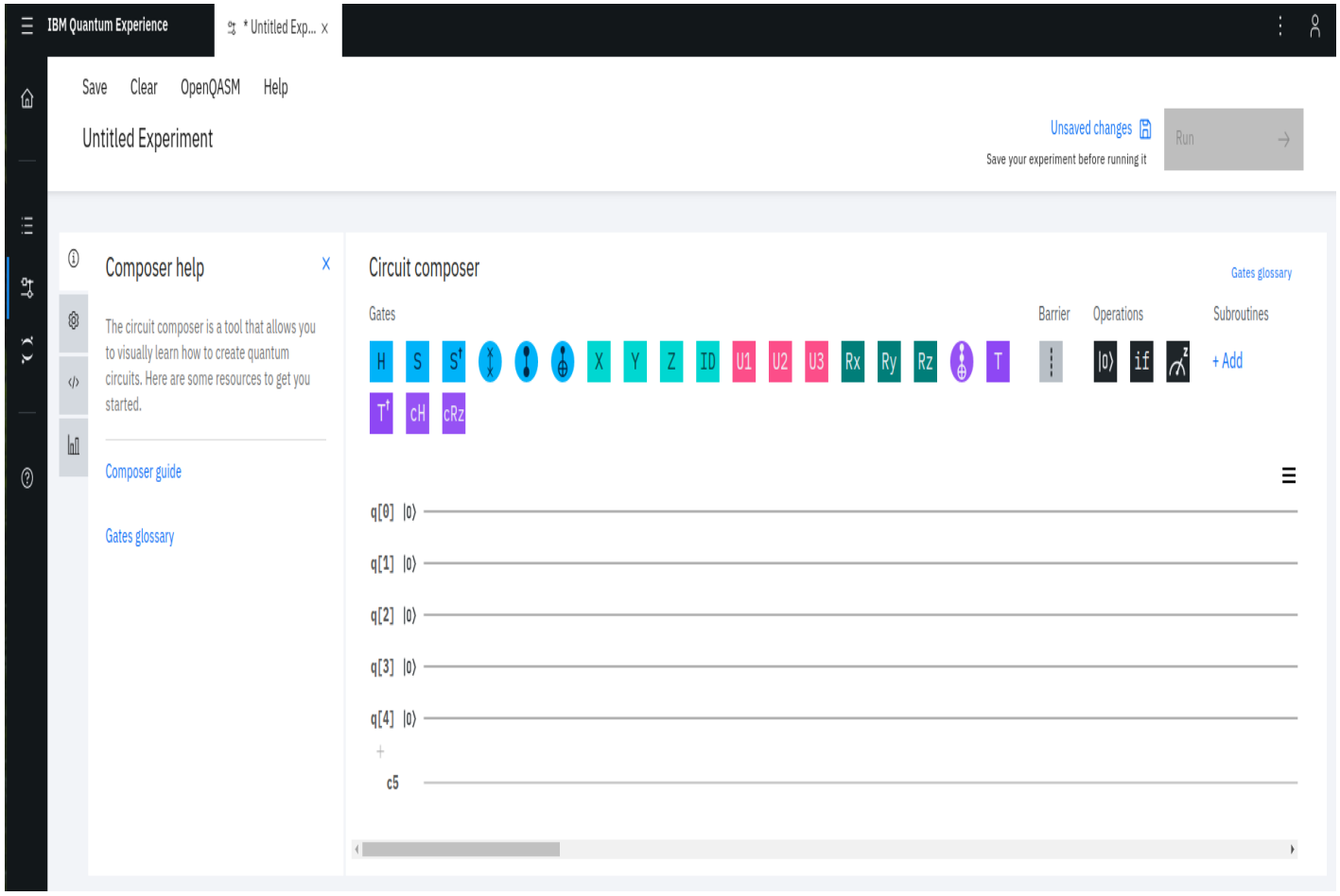
- Quantum Workspace



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- Understanding of Quantum programming Language
- Implementation of ANN
- IBM Quantum Computer Experince

Tools

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- IBMid
- Qiskit
- Python

Deliverables

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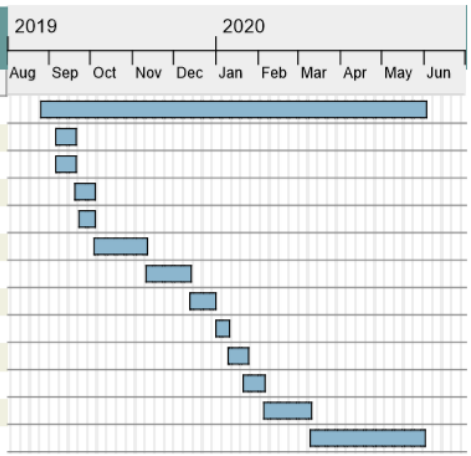
Gantt Chart

3

GANTT project

Name	Begin date	End date
Documentation	8/26/19	6/2/20
Requirements Gathering	9/6/19	9/20/19
Equipments Gathering	9/6/19	9/20/19
Retrieving Vales from Sensor	9/20/19	10/4/19
Analyzing Values	9/23/19	10/4/19
Integration of devices	10/4/19	11/11/19
Devices And Data Stoage Connection	11/11/19	12/13/19
Data Cleaning And Sturcturing	12/13/19	12/31/19
Data Storage	1/1/20	1/10/20
Implemantaion of Algorithms on Gathered Data	1/10/20	1/24/20
Measure Flow Pressure, Amount of Loss , Purity , Leackag...	1/21/20	2/5/20
Admin Portal	2/5/20	3/10/20
User Applications	3/10/20	6/1/20



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Strengths

- Fast Computing
- NP Problem

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Weaknesses

- Literature Limited
- Complicated

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Opportunities

- New Field
- New Opportunites
- Heading towards a new technology.

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Threats

- IBM Access

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- DLD
- AI

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The End