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| Computer Systems 1 | |  | Computer Systems 2 - Von Neuman |
| What is a computer system  **A system that involves interactions between**   * Hardware (physical components) * Software (set of instructions, data or programs) * Data * A person (user)   **Most modern computers run have a similar architecture (structured and connected) called** | | Von Neumann Architecture - Computer Science GCSE GURU |
| Von Neuman Architecture Von Neuman was a Hungarian/American mathematician who described this architecture we still use today in 1945 | |  |
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| Computer Systems 3 - Definitions | |  | Computer Systems 4 - Types of Memory |
| CPU |  |  |  |
| ALU |  |
| Registers |  |
| Memory (RAM & ROM) |  |
| Buses (marks on diagram) |  |
| Input Devices |  |
| Output devices |  |

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| Date of revision 1\_\_\_\_\_\_\_\_\_\_Date of revision 2\_\_\_\_\_\_\_\_\_\_Date of revision 3\_\_\_\_\_\_\_\_\_\_ | |  | Date of revision 1\_\_\_\_\_\_\_\_\_\_Date of revision 2\_\_\_\_\_\_\_\_\_\_Date of revision 3\_\_\_\_\_\_\_\_\_\_ | |
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| Revision 1  Revision 2  Revision 3 | | Revision 1  Revision 2  Revision 3 | |
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| Date of revision 1\_\_\_\_\_\_\_\_\_\_Date of revision 2\_\_\_\_\_\_\_\_\_\_Date of revision 3\_\_\_\_\_\_\_\_\_\_ | |  | Date of revision 1\_\_\_\_\_\_\_\_\_\_Date of revision 2\_\_\_\_\_\_\_\_\_\_Date of revision 3\_\_\_\_\_\_\_\_\_\_ | |
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| Revision 1  Revision 2  Revision 3 | | Revision 1  Revision 2  Revision 3 | |