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        "n = int(input(\"Enter number of students: \"))\n",
        "\n",
        "marks_list = []\n",
        "\n",
        "for i in range(n):\n",
        "    marks = int(input(\"Enter marks: \"))\n",
        "    marks_list.append(marks)\n",
        "\n",
        "marks_array = np.array(marks_list)\n",
        "\n",
        "total_marks = np.sum(marks_array)\n",
        "\n",
        "average_marks = np.mean(marks_array)\n",
        "\n",
        "highest_marks = np.max(marks_array)\n",
        "\n",
        "lowest_marks = np.min(marks_array)\n",
        "\n",
        "if average_marks > 85:\n",
        "    grade = \"A\"\n",
        "elif average_marks >= 70:\n",
        "    grade = \"B\"\n",
        "elif average_marks >= 50:\n",
        "    grade = \"C\"\n",
        "else:\n",
        "    grade = \"Fail\"\n",
        "\n",
        "print(\" STUDENT MARKS ANALYSIS \")\n",
        "print(f\"Total Marks: {total_marks}\")\n",
        "print(f\"Average Marks: {average_marks}\")\n",
        "print(f\"Highest Marks: {highest_marks}\")\n",
        "print(f\"Lowest Marks: {lowest_marks}\")\n",
        "print(f\"Grade: {grade}\")
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