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    "print(string.format(planet,diameter))"
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]]}]\n",
        "print(d['k1'][3]['tricky'][3]['target'][3])"
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```

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    "print(arr)"
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    "print(\"An array of 10 fives:\")\n",
    "print(arr)"
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    "print(a)"
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          "[3 4 5]\n",
          "[6 7 8]\n"
        ]
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      "## a = np.array([1, 2, 3]), b = np.array([4, 5, 6])"
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      "a = np.array([1, 2, 3])\n",
      "b = np.array([4, 5, 6])\n",
      "c = np.concatenate((a,b),axis=None)\n",
      "print(c)\n"
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        "import pandas as pd\n",
        "\n",
        "# initialize list of lists\n",
        "data = [['Jack', 'America'], ['peter', 'london'], ['maria',  
'korea']]\n",
        "\n",
        "# Create the pandas DataFrame\n",
        "df = pd.DataFrame(data, columns=['Name', 'Country'])\n",
        "\n",
        "# print dataframe.\n",
        "df"
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        "1  peter  london\n",
        "2   maria   korea"
      ],
      "text/html": [
        "\n",
        "  <div id=\"df-c75fbd63-9b27-4b8b-894c-317d5eb6bc85\">\n",
        "    <div class=\"colab-df-container\">\n",
        "      <div>\n",
        "        <style scoped>\n",
        "          .dataframe tbody tr th:only-of-type {\n",
        "            vertical-align: middle;\n",
        "          }\n",
        "\n",
        "          .dataframe tbody tr th {\n",
        "            vertical-align: top;\n",
        "          }\n",
        "\n",
        "          .dataframe thead th {\n",
        "            text-align: right;\n",
        "          }\n",
        "        </style>\n",
        "        <table border=\"1\" class=\"dataframe\">\n",
        "          <thead>\n",
        "            <tr style=\"text-align: right;\">\n",
        "              <th></th>\n",
        "              <th>Name</th>\n",
        "              <th>Country</th>\n",
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        "          </thead>\n",
        "          <tbody>\n",
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        "              <th>0</th>\n",
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        "              <td>America</td>\n",
        "            </tr>\n",
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        "              <th>1</th>\n",
        "              <td>peter</td>\n",
        "              <td>london</td>\n",
        "            </tr>\n",
        "            <tr>\n",
        "              <th>2</th>\n",
        "              <td>maria</td>\n",
        "              <td>korea</td>\n",
        "            </tr>\n",
        "          </tbody>\n",
        "        </table>\n",
        "      </div>\n",
        "      <button class=\"colab-df-convert\"
onclick=\"convertToInteractive('df-c75fbd63-9b27-4b8b-894c-317d5eb6bc85')\">\n",

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```

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interactive table.\\n\",
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height=\"24px\"viewBox=\"0 0 24 24\"\\n\",
"                                width=\"24px\">\\n\",
"                                <path d=\"M0 0h24v24H0V0z\" fill=\"none\"/>\\n\",
"                                <path d=\"M18.56 5.44l1.94 2.06.94-2.06-.94-2.06-
.94-.94-2.06-.94 2.06-2.06.94zm-11 1L8.5 8.5l.94-2.06 2.06-.94-2.06-
.94L8.5 2.5l-.94 2.06-2.06.94zm10 10l.94 2.06.94-2.06-.94-2.06-.94-
.94-2.06-.94 2.06-2.06.94z\"/><path d=\"M17.41 7.96l-1.37-1.37c-.4-.4-
.92-.59-1.43-.59-.52 0-1.04.2-1.43.59L10.3 9.45l-7.72 7.72c-.78.78-.78
2.05 0 2.83L4 21.41c.39.39.95.59 1.41.59.51 0 1.02-.2 1.41-.59l7.78-7.78
2.81-2.81c.8-.78.8-2.07 0-2.86zM5.41 20L4 18.59l7.72-7.72 1.47 1.35L5.41
20z\"/>\\n\",
"                                </svg>\\n\",
"                                </button>\\n\",
"                                \\n\",
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"                                width: 32px;\\n\",
"                                }\\n\",
"\\n\",
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1px 3px 1px rgba(60, 64, 67, 0.15);\\n\",
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"                                }\\n\",
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"\\n\",
"                                [theme=dark] .colab-df-convert:hover {\\n\",
"                                background-color: #434B5C;\\n\",
"                                box-shadow: 0px 1px 3px 1px rgba(0, 0, 0, 0.15);\\n\",
"                                filter: drop-shadow(0px 1px 2px rgba(0, 0, 0,
0.3));\\n\",
"                                fill: #FFFFFF;\\n\",
"                                }\\n\",
"                                </style>\\n\",
"\\n\",
"                                <script>\\n\",

```

```

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        "        document.querySelector('#df-c75fbd63-9b27-4b8b-894c-317d5eb6bc85 button.colab-df-convert');\n",
        "        buttonEl.style.display =\n",
        "        google.colab.kernel.accessAllowed ? 'block' :
'none';\n",
        "\n",
        "        async function convertToInteractive(key) {\n",
        "        const element = document.querySelector('#df-c75fbd63-9b27-4b8b-894c-317d5eb6bc85');\n",
        "        const dataTable =\n",
        "        await
google.colab.kernel.invokeFunction('convertToInteractive',\n",
        "        [key], {});\n",
        "        if (!dataTable) return;\n",
        "\n",
        "        const docLinkHtml = 'Like what you see? Visit
the ' +\n",
        "        '<a target=\"_blank\"
href=https://colab.research.google.com/notebooks/data_table.ipynb>data
table notebook</a>'\n",
        "        + ' to learn more about interactive
tables.';\n",
        "        element.innerHTML = ';\n",
        "        dataTable['output_type'] = 'display_data';\n",
        "        await
google.colab.output.renderOutput(dataTable, element);\n",
        "        const docLink =
document.createElement('div');\n",
        "        docLink.innerHTML = docLinkHtml;\n",
        "        element.appendChild(docLink);\n",
        "        }\n",
        "    </script>\n",
        "  </div>\n",
        "  </div>\n",
        "  "
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Feb, 2023"
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    "import datetime\n",
    "import pandas as pd\n",

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        "test_date = datetime.datetime.strptime(\"01-1-2023\", \"%d-%m-%Y\")\n",
        "K = 41\n",
        " \n",
        "date_generated = pd.date_range(test_date, periods=K)\n",
        "print(date_generated.strftime(\"%d-%m-%Y\"))"
    ],
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                "      \"      '06-01-2023', '07-01-2023', '08-01-2023', '09-01-2023', '10-01-2023',\n",
                "      \"      '11-01-2023', '12-01-2023', '13-01-2023', '14-01-2023', '15-01-2023',\n",
                "      \"      '16-01-2023', '17-01-2023', '18-01-2023', '19-01-2023', '20-01-2023',\n",
                "      \"      '21-01-2023', '22-01-2023', '23-01-2023', '24-01-2023', '25-01-2023',\n",
                "      \"      '26-01-2023', '27-01-2023', '28-01-2023', '29-01-2023', '30-01-2023',\n",
                "      \"      '31-01-2023', '01-02-2023', '02-02-2023', '03-02-2023', '04-02-2023',\n",
                "      \"      '05-02-2023', '06-02-2023', '07-02-2023', '08-02-2023', '09-02-2023',\n",
                "      \"      '10-02-2023'],\n",
                "      dtype='object')\n"
            ]
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            "\n",
            "lists = [[1, 'aaa', 22],\n",
            "          [2, 'bbb', 25],\n",
            "          [3, 'ccc', 24]]"
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    "df = pd.DataFrame(lst)\n",
    "print(df )"
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        "1  2  bbb  25\n",
        "2  3  ccc  24\n"
      ]
    }
  ]
}
]
}
]
}

```