LaTeX Handout

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1 Intro

Intro

2 Samples

AAAAA AAAAA AAAAA AAAAA AAAAA AAAAA AAAAA AAAAA AAAAA AAAAA
AAAAA AAAAA AAAAA AAAAA AAAAA AAAAA AAAAA AAAAA AAAAA AAAAA
AAAAA AAAAA AAAAA AAAAA AAAAA AAAAA AAAAA AAAAA AAAAA AAAAA
AAAAA AAAAA AAAAA AAAAA AAAAA AAAAA AAAAA AAAAA AAAAA AAAAA
AAAAA AAAAA AAAAA AAAAA AAAAA AAAAA AAAAA AAAAA AAAAA AAAAA
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AAAAA AAAAA AAAAA AAAAA AAAAA AAAAA AAAAA AAAAA AAAAA AAAAA
AAAAA AAAAA AAAAA AAAAA AAAAA AAAAA AAAAA AAAAA AAAAA AAAAA
AAAAA

2.1 Itemize

- Python
- Java
- Ruby

2.2 Enumerate

1. Python
2. Java
3. Ruby

2.3 Description

Python Python
Java Java
Ruby Ruby

2.4　Itembox

```
┌ Myouji ─────────────────────────────────────────────
│ スズキ
│ 斎藤
└
```

2.5　Multicol1

```
┌ Myouji ──────────────────┐   ┌ Namae ──────────────────┐
│ スズキ                    │   │ イチロー                 │
│ 斎藤                      │   │ ジロー                   │
└                          ┘   └                          ┘
```

2.6　Multicol2

AAAAA　BBBBB　CCCCC　DDDDD　　EEEEE FFFFF GGGGG

EEEEE FFFFF GGGGG　　　　　　AAAAA　BBBBB　CCCCC　DDDDD

AAAAA　BBBBB　CCCCC　DDDDD　　EEEEE FFFFF GGGGG

2.7　Figure

- 世阿弥 (図 1)

図 1　世阿弥

2.8　Table

- 九州 (表 1)

表 1　九州

都道府県	人口 (人)	面積 (km^2)	域内総生産 (円)
福岡	5,108,038	4847.32	18,084,000,000,000
佐賀	807,203	2439.67	2,093,500,000,000
長崎	1,305,650	4105.88	4,037,900,000,000
熊本	1,732,644	7267.93	5,070,800,000,000
大分	1,121,589	5099.65	4,047,300,000,000
宮崎	1,061,032	6794.78	3,056,000,000,000
鹿児島	1,586,435	9044.66	5,035,700,000,000

2.9　Equation

$$\frac{\partial u\left(x,y,t\right)}{\partial t} = D\left(\frac{\partial^2 u\left(x,y,t\right)}{\partial x^2} + \frac{\partial^2 u\left(x,y,t\right)}{\partial y^2}\right) \tag{1}$$

$$\begin{cases} 7x + 2y = -5 \\ 2x + 5y = 8 \end{cases} \tag{2}$$

2.10　Code

- C 言語 (コード 1)

コード 1　C 言語

```c
#include <stdio.h>
int main(int argc, char* argv[])
{
  // 日本語
  printf("Hello world!");
}
```

2.11　Input Code

- Python (コード 2)

コード 2　Python

```python
import sys


def is_int(s):
  try:
      int(s)
  except:
```

```
 8        return False
 9     return True
10
11
12  def main(argv=sys.argv):
13    print("ARGC:␣" + str(len(argv)))
14    print("ARGV:␣", end="")
15    # First loop
16    itr = iter(argv)
17    last = next(itr)
18    # 2 ~ (n - 1) loop
19    for arg in itr:
20      print(last, end=",␣")
21      last = arg
22    # Last loop
23    print(last)
24    if is_int(last):
25      if int(last) == 1:
26        return 1
27    return 0
28
29
30  if __name__ == "__main__":
31      sys.exit(main())
```

2.12 Bibliography

- VGG [1]
- ResNet [2]
- SSD [3]
- Image Captioning [4]
- U-Net [5]
- Mask R-CNN [6]
- Clique Net [7]

3 Outro

Outro

参考文献

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