# Informatik

## Geodeatenprozessierung mit Budget Instanzen (SPOT) auf Amazon EKS

Semesterarbeit



| | |
|---|---|
| Departement: | Informatik |
| Kurs: | CAS CLD FS20 – Cloud Computing |
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# ABSTRACT

This is a template abstract only as a demo [**DUMMY:1**]

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# 1 Samples

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# 2 Images

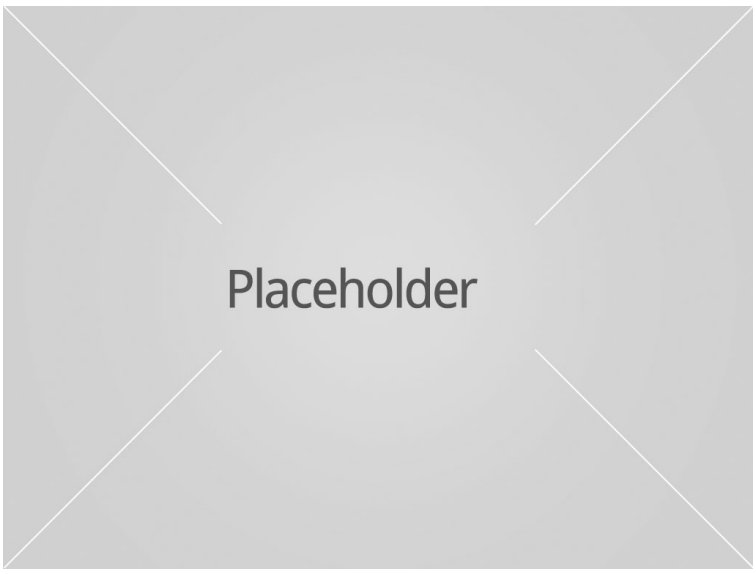


Abbildung 1: Overview of the frames used

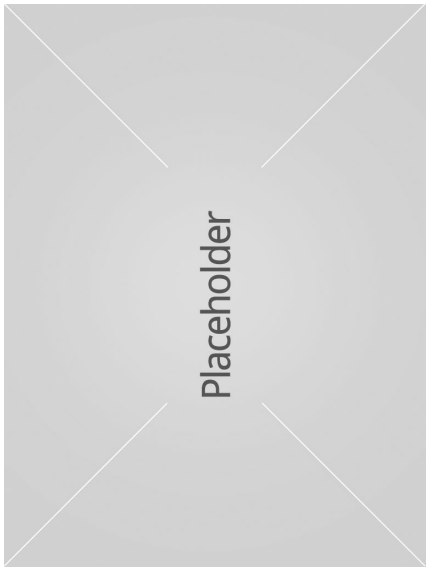


Abbildung 2: PCB design in 3D (top view)

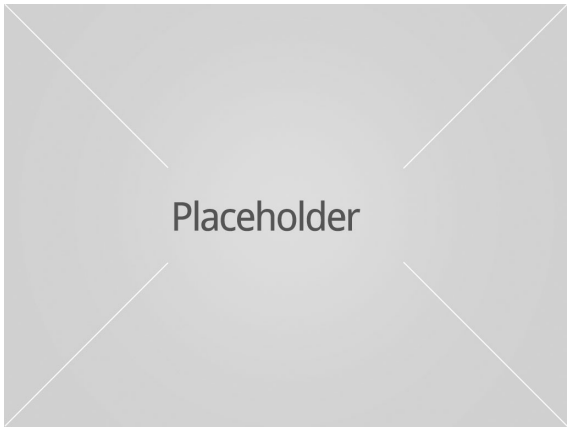


Abbildung 3: PCB design in 3D (bottom view)

# 3 Table

| Day | Min Temp | Max Temp | Summary |
|---|---|---|---|
| Monday | 11C | 22C | A clear day with lots of sunshine. However, the strong breeze will bring down the temperatures. |
| Tuesday | 9C | 19C | Cloudy with rain, across many northern regions. Clear spells across most of Scotland and Northern Ireland, but rain reaching the far northwest. |
| Wednesday | 10C | 21C | Rain will still linger for the morning. Conditions will improve by early afternoon and continue throughout the evening. |

# 4 Lists

- sample list item

1. sample list item

# 5 Code

```
touch --help
nano --help
mkdir --help
```

Listing 1: Sample C Code

```c
#include <stdio.h>

int main()
{
   // Variable definitions
   char operator;
   double n1, n2;
   double result;

   /* Reading and parsing of equation
    *
    * The format provided in the 'scanf' function
    * tells C how to read the given input and in
    * which variable to store each part of the input
    * %lf := long float aka double
    * %c := char
    */
   printf("Enter equation in the format 1 + 2: ");
   scanf("%lf %c %lf", &n1, &operator, &n2);

   // figure out which operator was used and
   // perform calculation accordingly
   if (operator == '+')
      result = n1 + n2;

   else if (operator == '-')
      result = n1 - n2;

   else if (operator == '*')
      result = n1 * n2;

   else if (operator == '/')
      result = n1 / n2;

   // output result
   printf("Result: %f\n", result);
}
```

# 6 Equations

This is an equation: $F = m \cdot a$

Here are some more:

$$y = mx + b \tag{1}$$
$$c^2 = a^2 + b^2 \tag{2}$$

and even more:

$$y = mx + b$$
$$c^2 = a^2 + b^2$$

# A Demo Appendix

Listing 2: Sample Code

```c
#include <stdio.h>

int main()
{
   // Variable definitions
   char operator;
   double n1, n2;
   double result;

   /* Reading and parsing of equation
    *
    * The format provided in the 'scanf' function
    * tells C how to read the given input and in
    * which variable to store each part of the input
    * %lf := long float aka double
    * %c := char
    */
   printf("Enter equation in the format 1 + 2: ");
   scanf("%lf %c %lf", &n1, &operator, &n2);

   // figure out which operator was used and
   // perform calculation accordingly
   if (operator == '+')
      result = n1 + n2;

   else if (operator == '-')
      result = n1 - n2;

   else if (operator == '*')
      result = n1 * n2;

   else if (operator == '/')
      result = n1 / n2;

   // output result
   printf("Result: %f\n", result);
}
```