

Assignment X: XXX

Programming report

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Algorithms and Data Structures 2020

1 Problem description

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2 Problem analysis

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3 Program design

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4 Evaluation of the program

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5 Process description

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6 Conclusions

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7 Appendix: program text

```
1 void push (int value, Stack *stp) {  
2     if (stp->top == stp->size) {  
3         doubleStackSize(stp);  
4     }  
5     stp->array[stp->top] = value;  
6     stp->top++;  
7 }
```