# Platformy Programowania

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*19.01.2021*

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# Spis treści

# 1 Makbet

## 1.1 Information [Task 3]

**[textbf] Macbeth, fully The Tragedy of Macbeth,**
`[texttt] is a tragedy by William Shakespeare.`
*[emph] It was probably first performed in 1606.*
*[textit] It was first published in the Folio of 1623,*
[TEXTSC] POSSIBLY FROM A PROMPT BOOK, AND IS SHAKESPEARE'S.
[textnormal] James VI and I was patron of Shakespeare's playing company, and some people [Task 6] 1 say [Task 6] 3 that Macbeth is the play which most clearly indicates Shakespeare's relationship with him. In the play, Macbeth is a Scottish general under the rule of King Duncan. Three witches tell Macbeth that he will become king of Scotland. Macbeth is spurred by his ambition and his wife, murdering Duncan and acceding to the throne. His reign is bloody and tyrannical and is ended by the combined forces of Scotland and England.
Shakespeare's [Task 8] [1] source [Task 8] [2] for the story [Task 8] [3] was Holinshed's Chronicles, particularly its accounts of Macbeth and Macduff and Duncan, but events in the play differ extensively from events involving the historical Macbeth.[citation needed] Events in Shakespeare's play are usually associated with Henry Garnet and the Gunpowder Plot of 1605. In theatre, the play has been associated with a curse. People have avoided speaking its title, calling it "The Scottish Play": however, the play has attracted some of the most renowned actors to the leading roles and has been adapted for multifarious other media. It has been continuously in production since the 1660s.

### 1.1.1 Detailed information

. . .

**Makbet's family**   . . .

**Makbet's childrens**   . . .

## 1.2 Other [Task 4]

a) Egzamin Bazy Danych

    I. Python

    II. Java

    III. C++

    IV. Prolog

    V. Erlang

    VI. C#

b) Egzamin Podstawy Ochrony Danych

c) Egzamin Grafika

d) . . .

## 1.3 More [Task 5]

    „I am your father, Anakin Skywalker"[1]
"I am your father, Anakin Skywalker" [2]
"I am your father, Anakin Skywalker"[3]
'I am your father, Anakin Skywalker' [4]
"I am your father, Anakin Skywalker"

## 1.4 More than more [Task 6]

| Województwo | Powierzchnia[$km^2$] | Populacja |
|:---:|:---:|:---:|
| Mazowieckie | 35 558 | 5 349 114 |
| Wielkopolskie | 29 826 | 3 475 323 |
| Lubelskie | 25 122 | 2 139 726 |

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[1]I - ja
[2]am - jestem
[3]your - twój
[4]Father - ojciec

Rysunek 1: Opis zdjęcia

## 1.5   Mathematics [Task 7]

a) $\binom{n}{k} = \frac{n!}{k!n-k!}$

b) $a^2 + b^2 = c^2$

c) $\frac{\frac{1}{2}+\frac{1}{4}}{\frac{1}{8}} \neq 1$

d) $\sum_{i=1}^{n} i^2 = \frac{n(n+1)(2n+1)}{6}$

e) $C_2^{-3} + O_2^0 \rightarrow C^{+4}O_2^{-2} + H_2^{+1}O^{-2}$

f)
$$\mathbf{X} = \begin{pmatrix} a_{1,1} & a_{1,2} & \dots & a_{1,n} \\ a_{2,1} & a_{2,2} & \dots & a_{2,n} \\ \vdots & \vdots & \ddots & \vdots \\ a_{m,1} & a_{m,2} & \dots & a_{m,n} \end{pmatrix}$$

# 2   Romeo and Julia [Task 8]

# Literatura

[1] Hubert Knioła. Tytuł artykułu. *Kirkman*, 322(10):891–921, 1905.

[2] Hubert Knioła. *Tytuł książki*. Kirkman, Reading, Poznań, 1993.

[3] Hubert Knioła. Tytuł.