

# Platformy Programowania

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# 1 Makbet

## 1.1 Information [Task 3]

**Macbeth, fully The Tragedy of Macbeth,**  
is a tragedy by William Shakespeare.

*It was probably first performed in 1606.*

*It was first published in the Folio of 1623,*

POSSIBLY FROM A PROMPT BOOK, AND IS SHAKESPEARE'S.

James VI and I was patron of Shakespeare's playing company, and some people say 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 source for the story 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. 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.

Makbet's family ...

Makbet's childrens ...

### 1.1.1 Detailed information

## 1.2 Other [Task 4]

a) Egzamin Bazy Danych

I. Python

II. Java

III. C++

IV. Prolog

V. Erlang

b) Egzamin Podstawy Ochrony Danych

c) Egzamin Grafika

d) ...

## 1.3 More [Task 5]

„I am your father, Anakin Skywalker”<sup>1</sup>  
“I am your father, Anakin Skywalker”<sup>2</sup>  
”I am your father, Anakin Skywalker”<sup>3</sup>  
‘I am your father, Anakin Skywalker’<sup>4</sup>  
"I am your father, Anakin Skywalker"

## 1.4 More than more [Task 6]

Województwo	Powierzchnia[km2]	Populacja
Mazowieckie	35 558	5 349 114
Wielkopolskie	29 826	3 475 323
Lubelskie	25 122	2 139 726

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<sup>1</sup>I - ja

<sup>2</sup>am - jestem

<sup>3</sup>your - twój

<sup>4</sup>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 Kniola. Tytuł artykułu. *Kirkman*, 322(10):891–921, 1905.

- [2] Hubert Kniola. *Tytuł książki*. Kirkman, Reading, Poznań, 1993.
- [3] Hubert Kniola. Tytuł.