

# Wstęp do informatyki

## Ćwiczenia 4

### Zadanie domowe

#### Zadanie 1

```
def litera_na_morse(litera):  
    if litera == 'A':  
        return '.-'  
    elif litera == 'A':  
        return '...-'  
    elif litera == 'B':  
        return '-...'  
    elif litera == 'C':  
        return '-.-.'  
    elif litera == 'C':  
        return '-...'  
    elif litera == 'D':  
        return '-..'  
    elif litera == 'E':  
        return '.'  
    elif litera == 'E':  
        return '...'  
    elif litera == 'F':  
        return '..-.'  
    elif litera == 'G':  
        return '--.'  
    elif litera == 'H':  
        return '....'  
    elif litera == 'I':  
        return '..'  
    elif litera == 'J':  
        return '.---'  
    elif litera == 'K':  
        return '-.-'  
    elif litera == 'L':  
        return '-...'  
    elif litera == 'L':  
        return '-...-'  
    elif litera == 'M':  
        return '--'
```

```
elif litera == 'N':
    return '-.'
elif litera == 'Ń':
    return '---'
elif litera == 'O':
    return '---'
elif litera == 'Ó':
    return '---.'
elif litera == 'P':
    return '-.-.'
elif litera == 'Q':
    return '-.-.'
elif litera == 'R':
    return '-.-.'
elif litera == 'S':
    return '...-'
elif litera == 'Ś':
    return '...-...'
elif litera == 'T':
    return '-'
elif litera == 'U':
    return '-.-'
elif litera == 'V':
    return '...-'
elif litera == 'W':
    return '-.-'
elif litera == 'X':
    return '-.-.'
elif litera == 'Y':
    return '-.-.'
elif litera == 'Z':
    return '---.'
elif litera == 'Ż':
    return '---.-'
elif litera == 'ź':
    return '---.-'
```

```
elif litera == ' ':
    return ' / '
else:
    return ''
```

```
def tekst_na_morse(text):
    text = text.upper()
    for char in text:
        print(litera_na_morse(char), end=' ')
```

```
tekst = input("Podaj tekst do zakodowania: ")
tekst_na_morse(tekst)
```

## Zadanie 2

	C (Cyan)	M (Magenta)	Y (Yellow)	K (Key/Black)
czarny	CMYK (0%, 100%, 100%, 0%)			
zielony	CMYK (100%, 0%, 100%, 0%)			
żółty	CMYK (0%, 0%, 100%, 0%)			
Turkusowy	CMYK (71%, 0%, 7%, 12%)			
seledynowy	CMYK (24%, 0%, 22%, 12%)			
Burgund	CMYK (0%, 100%, 77.78%, 43.53%)			
Ecru	CMYK (0%, 0%, 10%, 4%)			
Beżowy	CMYK (0%, 14.29%, 35.48%, 14.96%)			
Aksamarny	CMYK (50%, 0%, 17%, 0%)			
Granatowy	CMYK (100%, 100%, 0%, 49.80%)			
Szkarłatny	CMYK (0%, 90%, 90%, 32%)			
Pudrowy róż	CMYK (0%, 24.71%, 20.39%, 0%)			