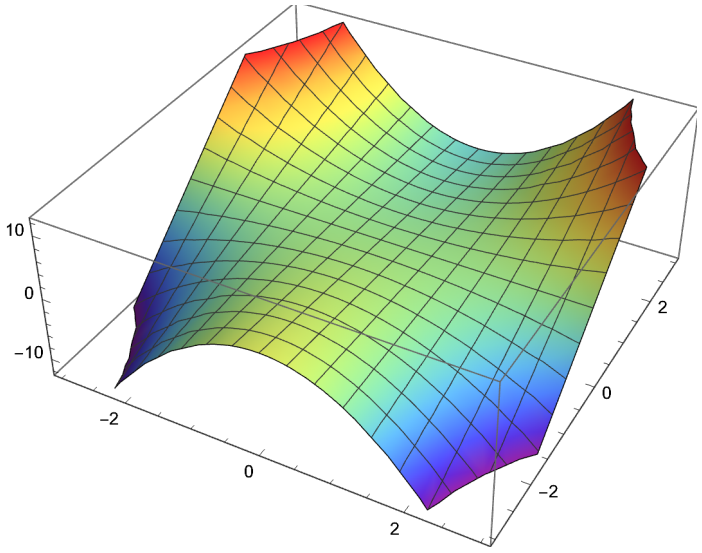
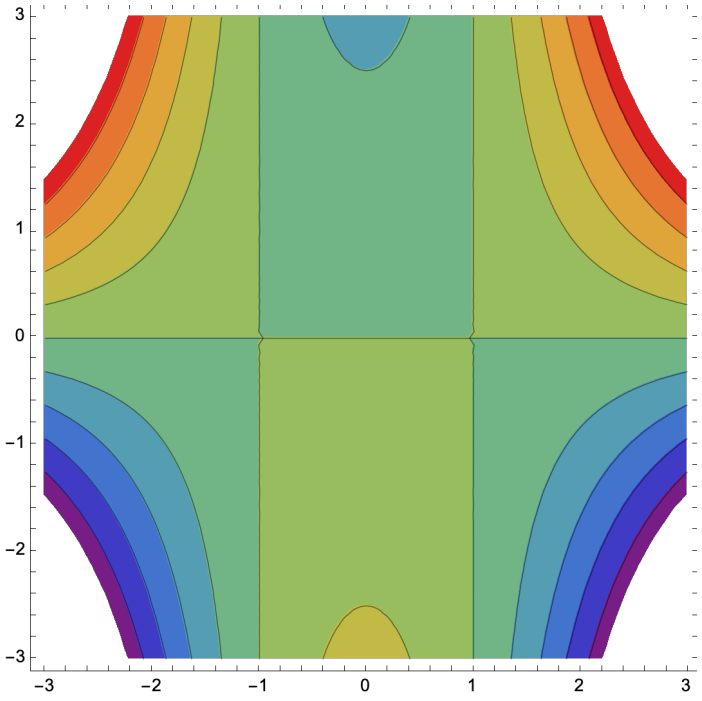
Naloga 1

In[1]:=
```
f[x_, y_] = y * (x^2 - 1);
Plot3D[f[x, y], {x, -3, 3}, {y, -3, 3},
 ClippingStyle → None, ColorFunction → "Rainbow"]
ContourPlot[f[x, y], {x, -3, 3}, {y, -3, 3}, ColorFunction → "Rainbow"]
```

Out[2]=



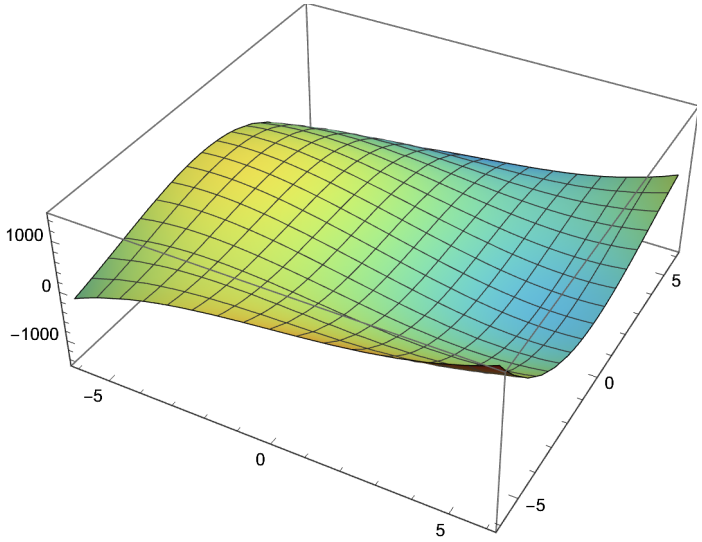
Out[3]=



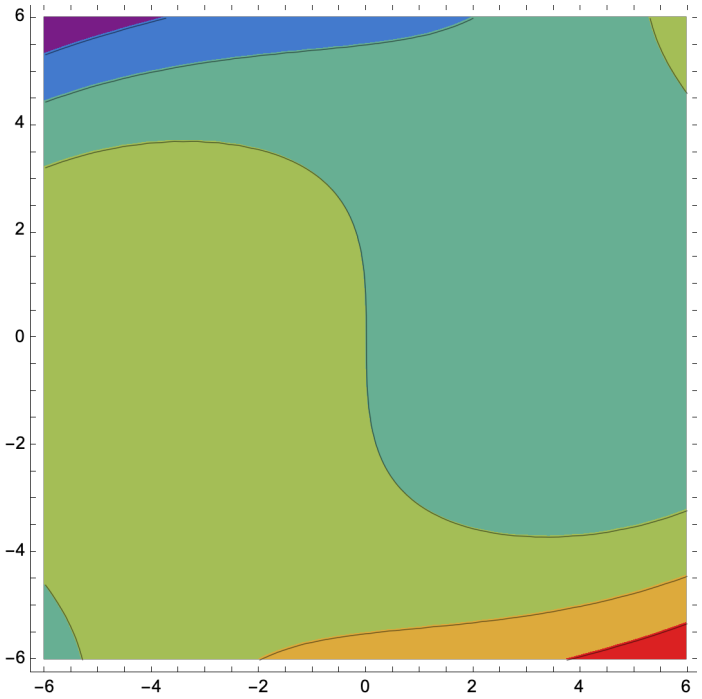
Naloga 4

In[4]:=
```
f[x_, y_] = 2 * x^3 + 6 * x * y^2 - 3 * y^3 - 150 * x;
Plot3D[f[x, y], {x, -6, 6}, {y, -6, 6},
 ClippingStyle → None, ColorFunction → "Rainbow"]
ContourPlot[f[x, y], {x, -6, 6}, {y, -6, 6}, ColorFunction → "Rainbow"]
```

Out[5]=

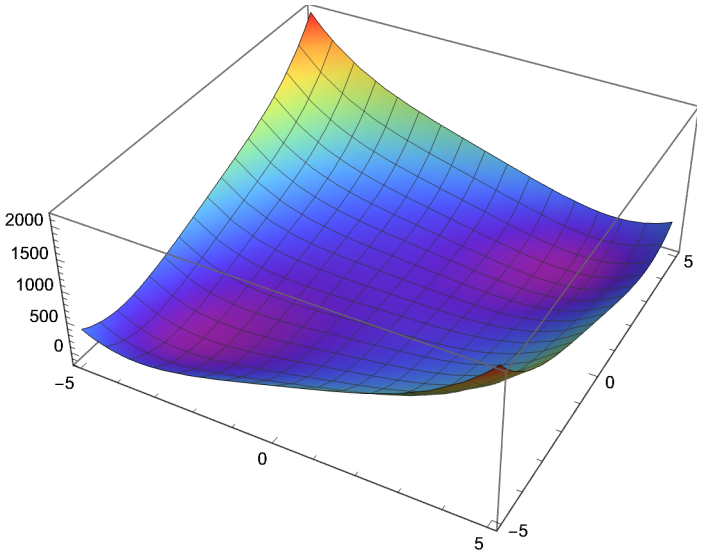


Out[6]=



In[7]:=
```
f[x_, y_] = x^4 + y^4 - 36 * x * y;
Plot3D[f[x, y], {x, -5, 5}, {y, -5, 5}, ColorFunction → "Rainbow"]
ContourPlot[f[x, y], {x, -5, 5}, {y, -5, 5}, ColorFunction → "Rainbow"]
```

Out[8]=



Out[9]=