Positive solutions are obtained for the boundary value problem

$$\begin{cases} -\Delta_p u = \lambda(u^\beta + \frac{1}{u^\alpha}) & \text{in } \Omega \\ u > 0 & \text{in } \Omega \\ u = 0 & \text{on } \partial\Omega\,, \end{cases} \tag{$*$}$$

where $\Delta_p u = \operatorname{div}(|\nabla u|^{p-2}\nabla u)$, $1 < p < N$, $N \geq 3$, $\Omega \subset \mathbb{R}^N$ is a bounded domain, $0 < \alpha < 1$ and $p - 1 < \beta < p^* - 1$ $\left(p^* = \frac{Np}{N-p}\right)$ are two constants, $\lambda > 0$ is a real parameter. We obtain that Problem $(*)$ has two positive weakly solutions if λ is small enough.