

HW 02 - Relocation

2019-11730 컴퓨터공학부 신현지

(1) **0x8048296**

풀이

$$\begin{aligned}\text{refaddr} - \text{*refptr} &= \text{PC} \\ &= (\text{ADDR}(\text{s}) + \text{r.offset}) - \text{*refptr} \\ &= 0x8048280 + 0x12 - (-0x4) = 0x8048296\end{aligned}$$

(2) **34 80 00 00**

풀이

$$\begin{aligned}\text{ADDR}(\text{swap}) - \text{PC} &= ?? ?? ?? ?? \\ 0x80502ca - 0x8048296 &= 0x8034\end{aligned}$$

(3) **0x40050f**

풀이

$$\begin{aligned}\text{refaddr} - \text{*refptr} &= \text{PC} \\ &= (\text{ADDR}(\text{s}) + \text{r.offset}) - \text{*refptr} \\ &= 0x400500 + 0x7 - (-0x8) = 0x40050f\end{aligned}$$

(4) **f1 fa 1f 00**

풀이

$$\begin{aligned}\text{ADDR}(\text{bufp}) - \text{PC} &= ?? ?? ?? ?? \\ 0x600000 - 0x40050f &= 0x1ffaf1\end{aligned}$$